Long-Term Temperature Monitoring Program 1981

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These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

Canadian Data Report of

Hydrography and Ocean Sciences 6

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LONG-TERM TEMPERATURE MONITORING PROGRAM 1981

by

D. Dobson and B. Petrie

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ABSTRACT

Dobson, D. and Petrie, B. 1982. Long-term temperature monitoring program 1981. Can. Data Rep. Hydrogr. Ocean Sci. 6: vii + 297 p.

Temperature data collected in 1981 near the bottom at sites of productive invertebrate fisheries are presented.

RÉSUMÉ

Dobson, D. and Petrie, B. 1982. Long-term temperature monitoring program 1981. Can. Data Rep. Hydrogr. Ocean Sci. 6: vii + 297 p.

On présente les données relatives à la température recueillies, en 1981, à proximité du fond aux endroits où la pêche des invertébrés est productive.

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1. INTRODUCTION

A pilot program to obtain continuous long term measurements of bottom temperature was initiated in March 1978, primarily at the request of biologists from the St. Andrews Biological Station. Their studies indicate that water temperature has a significant influence on the growth and feeding activity of commercial invertebrates (lobster, crab and scallops). The results of the first year's observations were reported by Gregory and Dobson (Data Series/BI-D-78/ September 1978.)

We present the data gathered during the 1981 field season from the Gulf of Maine - Bay of Fundy, Scotian Shelf, Gulf of St. Lawrence and Newfoundland Shelf. Data collection includes input from several sources. Biologists from Nova Scotia and Newfoundland use BIO instruments, rotated and serviced periodically. St. Andrews group maintain their own instruments; their data are marked with an asterisk in this report.

2. INSTRUMENTATION

The Ryan Model J thermograph has been used in the program and is described by Gregory and Dobson. The deployment of the moorings is handled by local fishermen. The basic mooring configuration is shown in Figure 1. Modifications by various users have generally been to make the mooring less attractive to those who consider the components worth stealing. Newfoundland sites are diver serviced in relatively sheltered areas.

3. MOORING SITES, DATA RETURN AND PROCESSING

The mooring sites have been divided into three areas: 1) Scotia-Fundy, 2) Gulf, 3) Newfoundland. Tables for the mooring locations, with corresponding area maps, begin on page 5. Site names, instrument serial numbers, depths, co-

ordinates, data length and location are recorded in the tables. A zero indicates that information is unavailable for a particular quantity. Instrument loss or failure is shown in the same format using start-stop time space for remarks.

All data reduction, plotting and calculations were contracted out to Evans Computer Applications Ltd. The analogue charts were digitized every 4 hours to the nearest 0.5°C and calculations are based on these data. The calculations included daily mean temperatures and the accumulated degree days (ADD) starting with the beginning of the record. Reference temperatures (T(ref) of 0°C and 4°C were used. The first and last calculations generally include partial days depending on the time the moorings were set and recovered.

We have: ADD = (T - T(ref))* time where for T<Tref, ADD = 0 and time is given in days. Table 5 gives a summary of the data return and some of the problems encountered during the field season. Table 6 gives monthly mean sea surface temperatures for three 1° X 1° squares in the southwest Nova Scotia area. Table 7 gives the monthly degree calculations relative to 0°C (dividing by the number of days in a month will give the approximate average monthly temperature).

Instrument recoveries do not always coincide with the calendar year, as in the case of instruments presumed lost and later recovered. Thus, reported in any year's atlas is all the data recovered during that year.

4. DISCUSSION

The short records obtained at 12 and 20 m at Alma in the Bay of Fundy were identical to within instrumental accuracy. Successive sensors (61029 and 61448) at Port Maitland Fairway differ by about 0.75°C which again is within the stated +0.5°C accuracy of the instruments. The last report (Dobson et al., Long

Term Temperature Monitoring Program 1980, Bedford Institute of Oceanography Data Series/BI-D-81-3/April 1981) indicated that sea surface temperature observations (Table 6, Gulfstream, now Oceanographic Monthly Summary) showed reasonable agreement with monthly average temperatures for several coastal sites in the Southwest Nova Scotia area. Thus surface temperature measurements could serve as proxy data in the absence of bottom observations. However, observations at Lurcher Shoal, the site farthest offshore, differ from monthly average sea surface temperature by as much as 3°C.

Data from School Point, Lobster Bay and Port Maitland Fairway, separated by 140 km, were identical for January and February. Fluctuations of temperature at Lockeport and Port LaTour were highly coherent and in phase for the period July-October. Temperature at Port LaTour was higher by about 1°C than at Lockeport. Variability at Lockeport was similar to that at Cape Sable but with a lag of 1 to 3 days. If this were due solely to advection, the lags imply along shelf velocities of 0.24 to 0.71 m/s. The latter value is probably too high. Fluctuations at Cape Sable were also evident some time later at Gannet Rock (implying a rate of 0.20 m/s) and Port Maitland (implying a rate of 0.07 m/s). These observations are similar to ones made in the past and are compatible with the general circulation of the area. The observations at two depths (11, 22 m) at Gannet Rock were the same.

In Northumberland Strait the records from Cape Egmont, Bayfield, Toney River, Georges Bay, Skinners Cove and Pugwash were quite similar. As in 1980, temperature at Victoria was significantly lower than at Cape Egmont. Observations at Richibucto were at times 5°C less than at Cape Egmont. The vertical array of recorders at North lake features temperatures at 5 m greater than those at 10 m by 1 to 2°C on average with differences of up to 5°C for periods of several days. Variability appears to be greatest at 20 m and is in phase with

the fluctuations at shallower depths.

The -3°C readings from Shag Island, Magdalen Islands indicate that the sensors are reading low. This was confirmed on subsequent calibrations. The observations at Havre-aux-Maisons exhibit a diurnal cycle with maximum temperature in the early afternoon (thus related to the sun cycle rather than a diurnal tidal constituent). During times of overlap, the data from Shag Island at 12 and 20 m are identical.

The two sensors located in Spencer's Cove, Newfoundland give essentially the same record for the period November, 1980 to January, 1982.

Table 1

Site Designations

AREA 1: SCOTIA-FUNDY

1. Chance Harbour, N.B.
2. Kennebecassis, N.B.
3. Alma Deep, N.B.
4. Delaps Cove, N.S.
5. Port Maitland, N.S.
6. Trinity Ledge, N.S.
7. Lurcher Shoal, N.S.
8. Yarmouth Ferry Track, N.S.
9. Gannet Rock, N.S.
10. Argyle Sound, N.S.
11. Whale Cove, N.S.
12. School Point Lobster Bay, N.S.
13. Mud Island, N.S.
14. Pubnico, N.S.
15. St. John's Ledge, N.S.
16. Cape Sable, N.S.
17. Port Latour, N.S.
18. Ingomar, N.S.
19. Lockeport, N.S.
20. Port Mouton, N.S.
21. Stonehurst, N.S.
22. East Dover, N.S.
23. Coil Cove, N.S.
24. Musquodoboit Harbour, N.S.
25. Ship Harbour, N.S.
26. Beaver Harbour, N.S.
27. Spanish Ship Bay, N.S.
28. New Harbour, N.S.
29. Dorts Cove, N.S.
30. Gabarus, N.S.
31. Wreck Cove, N.S.

AREA 2: GULF

32. Bayfield, N.S.
33. Pictou Island, N.S.
34. Toney River, N.S.
35. Skinners Cove, N.S.
36. Pugwash, N.S.
37. Victoria, P.E.I.
38. Bayfield, N.B.
39. Cape Egmont, P.E.I.
40. West Point, P.E.I.
41. Miminegash, P.E.I.
42. Richibucto, N.B.
43. Point Sapin, N.B.
44. Chaleur Bay, P.Q.
45. Rimouski, P.Q.

Site Designations

AREA 2: GULF

46. Tignish, P.E.I.
47. Naufrage, P.E.I.
48. North Lake, P.E.I.
49. Beach Point, P.E.I.
50. Grand Etang, N.S.
51. Cheticamp, N.S.
52. Pleasant Bay, N.S.
53. Gros Ile, M.I. P.Q.
54. Etang du Nord M.I.P.Q.
55. Havre-aux-Maisons M.I.P.Q.
56. Shag Island M.I. P.Q.

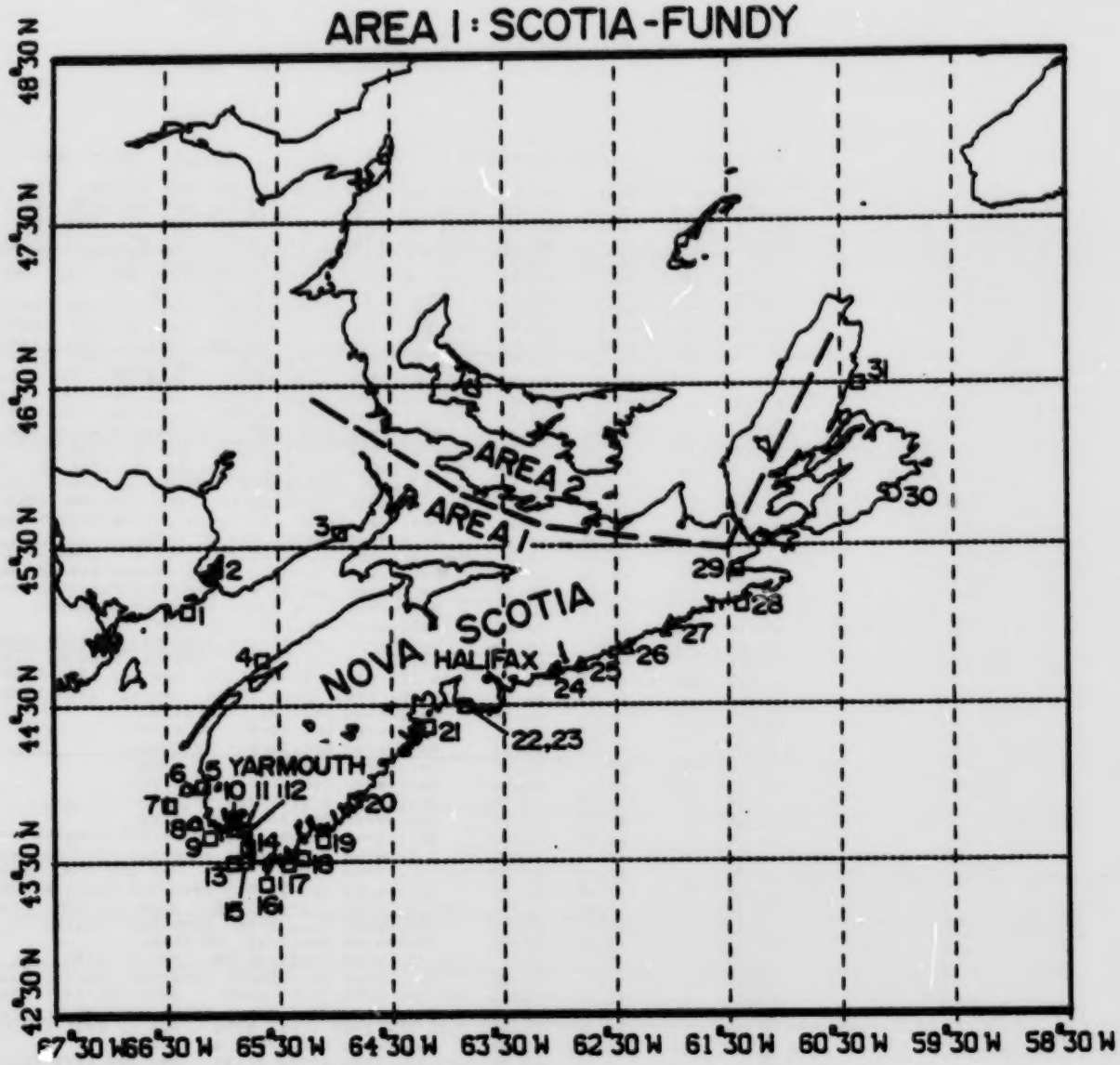
AREA 3: NEWFOUNDLAND

57. Little Bay Mortier, Nfld.
58. Spencer's Cove, Nfld.
59. Arnold's Cove, Nfld.
60. Logy Bay, Nfld.

TABLE 2

AREA 1 SCOTIA FUNDY

	Location	Serial	Depth	Latitude	Longitude	Start (GMT)	Stop (GMT)
1	CHANCE HARBOUR N.B. S	60733	0	45.1	66.3	Sept 24, 1980 (268) 12:00	Oct 3, 1980 (277) 8:00
2a	KENNEBECASSIS N.B.	61634	9.1	45.36	64.05	July 13, 1981 (194) 18:30	Oct 28, 1981 (301) 10:3(
2b	KENNEBECASSIS N.B.	61671	38.4	45.36	64.05	July 13, 1981 (194) 18:30	Oct 27, 1981 (300) 22:3(
2c	KENNEBECASSIS N.B.	61634	9.1	45.31	64.13	July 13, 1981 (194) 20:00	Oct 27, 1981 (300) 20:0(
2d	KENNEBECASSIS N.B.	61657	36.9	45.36	64.04	July 13, 1981 (194) 17:00	Oct 2, 1981 (275) 21:00
2e	KENNEBECASSIS N.B.	61680	15.2	45.36	64.04	July 13, 1981 (194) 17:00	Sept 23, 1981 (266) 9:0(
2f	KENNEBECASSIS N.B.	61634	0	45.34	64.05	Delivered Nov.30/81; on site.	
3a	ALMA DEEP N.B. S	60909	20	45.6	64.95	Oct 20, 1980 (294) 15:30	Nov 21, 1980 (326) 15:3(
3b	ALMA DEEP N.B. S	60909	20	45.6	64.95	Nov 30, 1981 (150) 17:00	July 8, 1981 (189) 21:0(
3c	ALMA SHALLOW N.B. S	60733	12	45.6	64.95	June 11, 1981 (162) 21:30	July 7, 1981 (188) 13:3(
3d	ALMA SHALLOW N.B. S	0	12	45.6	64.95	July 7, 1981 (188) 8:30	Aug 1, 1981 (213) 20:30
3e	ALMA DEEP N.B. S	0	20	45.6	64.95	July 8, 1981 (189) 12:30	July 25, 1981 (206) 12:(
4a	DELAPS COVE N.S. S	61032	0	44.8	65.65	June 12, 1980 (164) 12:00	July 29, 1980 (211) 12:(
4b	DELAPS COVE N.S.	61686	17	44.78	65.63	Nov 31, 1981 (151) 15:30	July 18, 1981 (199) 11:(
4c	DELAPS COVE N.S.	61630	18	44.78	65.63	Delivered Aug.24/81; reported missing Dec.9.	
5a	PORT MAITLAND PIER N.S.	61042	7	43.98	66.15	June 3, 1980 (155) 17:00	Aug 4, 1980 (217) 9:00
5b	PORT MAITLAND FAIRWAY N.S.	61029	14	43.99	66.18	Jan 1, 1981 (1) 6:30	Mar 2, 1981 (61) 22:30
5c	PORT MAITLAND FAIRWAY N.S.	61448	11	43.99	66.18	Mar 2, 1981 (61) 23:00	June 5, 1981 (155) 7:00
5d	PORT MAITLAND FAIRWAY N.S.	61644	14	44.99	66.18	June 8, 1981 (159) 22:30	Oct 13, 1981 (286) 22:3(
6a	TRINITY LEDGE N.S.	61619	19	43.98	66.34	Del. Jan.7/81; not found diving search Jun.9-10.	
6b	TRINITY LEDGE N.S.	61644	23	43.98	66.34	Delivered Dec.1/81; on site.	
7a	LURCHER SHOAL N.S.	61444	14	43.84	66.5	Nov 14, 1980 (135) 22:30	Oct 17, 1980 (291) 6:30
7b	LURCHER SHOAL N.S.	61644	21	43.84	66.5	Del. Jan.7/81; not found diving search Jun.9-10.	
8a	YARMOUTH FERRY TRACK N.S.	61687	18	43.76	66.27	Delivered Jan.29/81; reported missing June 2.	
8b	YARMOUTH FERRY TRACK N.S.	61615	6	43.76	66.27	Delivered July 8/81; reported missing.	
8c	YARMOUTH FERRY TRACK N.S.	61471	18	43.76	66.27	Delivered Dec.1/81; on site.	
9a	SAMNET ROCK N.S.	61614	23	43.65	66.14	Delivered Jan.29/81; reported missing Aug.7.	
9b	SAMNET ROCK N.S.	61632	13	43.65	66.14	Delivered Jan.29/81; reported missing Aug.7.	
9c	SAMNET ROCK N.S.	61633	22	43.65	66.14	July 25, 1981 (206) 15:00 Dec 11, 1981 (345) 7:00	
9d	SAMNET ROCK N.S.	61631	11	43.65	66.14	July 25, 1981 (206) 15:00 Dec 11, 1981 (345) 7:00	
9e	SAMNET ROCK N.S.	61683	27	43.64	66.14	Delivered Dec.1/81; on site.	
10a	ARGYLE SOUND N.S.	61734	10	43.77	65.94	Delivered Oct.30/81; on site.	
10b	ARGYLE SOUND N.S.	61453	9	43.77	65.94	Delivered Oct.30/81; on site.	
10c	ARGYLE SOUND N.S.	61454	10	43.77	65.94	Delivered Oct.30/81; on site.	
10d	ARGYLE SOUND N.S.	61469	8	43.77	65.94	Delivered Oct.30/81; on site.	
10e	ARGYLE SOUND N.S.	61451	6	43.77	65.94	Delivered Oct.30/81; on site.	
10f	ARGYLE SOUND N.S.	61484	6	43.77	65.94	Delivered Oct.30/81; on site.	
11	WHALE COVE N.S.	61472	2	43.72	65.83	Delivered March 6/81; reported missing Aug.	
12a	SCHOOL PT. LOBSTER BAY N.S.	61617	2	43.71	65.83	Delivered Oct.20/80; reported missing May.	
12b	SCHOOL POINT LOBSTER BAY N.S	61676	8	43.71	65.83	Oct 21, 1980 (295) 19:52 Apr 18, 1981 (108) 11:5(	
13a	MUD ISLAND N.S.	61689	16	43.48	65.93	Delivered Jan.29/81; reported missing Aug.7.	
13b	MUD ISLAND N.S.	61689	24	43.48	65.93	May 14, 1981 (134) 15:00 June 14, 1981 (165) 11:(	
13c	MUD ISLAND N.S.	61642	0	43.48	65.93	Delivered July 8/81; reported missing Nov.7.	
13d	MUD ISLAND N.S.	61616	21	43.48	65.93	Delivered Dec.1/81; on site.	
14	PUBNICO N.S. S	61033	28	43.6	65.8	Dec 10, 1980 (345) 15:00 Mar 9, 1981 (68) 11:00	
15	ST. JOHN'S LEDGE N.S.	61620	11	43.5	65.82	Delivered Apr.28/81; reported missing Aug.31.	
16	CAPE SABLE N.S.	61454	24	43.36	65.43	Apr 24, 1981 (114) 6:00 Sept 21, 1981 (264) 22:0	
17a	PORT LATOUR N.S.	61734	12	43.49	65.43	Del. Jan.7/81; paper drive deassed in transit.	
17b	PORT LATOUR N.S.	61639	12	43.49	65.43	July 15, 1981 (196) 8:00 Dec 2, 1981 (336) 12:00	
17c	PORT LATOUR N.S.	61470	18	43.49	65.43	Delivered Dec.1/81; on site	
18a	INSHORE N.S.	61618	40	43.53	65.31	Aug 10, 1980 (223) 10:30 Dec 10, 1980 (345) 6:30	
18b	INSHORE N.S.	61673	22	43.53	65.31	Feb 1, 1981 (32) 18:00 June 4, 1981 (155) 2:00	
18c	INSHORE N.S.	61645	0	43.53	65.31	Delivered July 8/81; deassed in transit.	
19a	LOCKEPORT N.S.	61653	17	43.44	65.12	Delivered Jan.7/81; reported missing May 3.	
19b	LOCKEPORT N.S.	61616	17	43.44	65.12	May 9, 1981 (129) 13:30 Oct 23, 1981 (296) 5:30	
20	PORT ROUTON N.S. S	0	0	43.9	64.85	May 21, 1980 (142) 10:00 June 1, 1980 (153) 10:00	
21	STONEHURST N.S.	0	11	44.37	64.19	Nov 27, 1981 (331) 15:00 Dec 12, 1981 (346) 15:00	
22a	EAST DOVER N.S.	61644	7	44.5	63.85	Nov 26, 1980 (331) 17:00 Apr 24, 1981 (114) 5:00	
22b	EAST DOVER N.S.	61683	7	44.5	63.85	May 15, 1981 (135) 16:30 Oct 21, 1981 (294) 20:30	
23	COIL COVE N.S.	61459	5	44.51	63.85	Delivered Oct.21/81; on site.	
24	MUSQUODOBOIT HARBOUR N.S.	61630	3	44.72	63.08	Delivered Nov.23/81; on site.	
25	SHIP HARBOUR N.S.	61451	5	44.77	62.82	Delivered Nov.23/81; on site.	
26	BEAVER HARBOUR N.S.	61456	0	44.87	62.4	Delivered Dec.1/81; on site.	
27	SPANISH SHIP BAY N.S.	60731	5	45.02	62.02	Delivered Nov.23/81; on site.	
28a	NEW HARBOUR N.S.	61620	14	45.13	61.38	Nov 18, 1980 (323) 12:10 Mar 7, 1981 (66) 8:10	
28b	NEW HARBOUR N.S.	61646	14	45.13	61.38	Apr 22, 1981 (112) 8:00 Sept 11, 1981 (254) 4:00	
29a	DORTS COVE N.S.	0	11	45.35	61.43	Mar 2, 1981 (61) 8:00 July 1, 1981 (182) 14:00	
29b	DORTS COVE N.S.	0	15	45.35	61.43	Oct 8, 1980 (282) 12:00 Oct 28, 1980 (302) 20:00	
30a	SABARUS N.S.	61494	23	45.8	63.05	Del. April 30/81; paper drive deassed in transit	
30b	SABARUS N.S.	61675	207	45.8	63.05	Delivered June 19/81; paper drive failed at depth	
31a	WRECK COVE N.S.	61618	15	44.5	60.33	July 15, 1980 (197) 14:00 Sept 27, 1980 (271) 22:0(	
31b	WRECK COVE N.S.	61733	24	44.5	60.33	Delivered June 19/81; lost when boat sank Oct.17.	
31c	WRECK COVE N.S.	61678	148	44.5	60.33	Delivered April 30/81; lost when boat sank Oct.17.	


AREA I : SCOTIA-FUNDY
48°30 N
47°30 N
46°30 N
45°30 N
44°30 N
43°30 N
42°30 N
67°30 W
66°30 W
65°30 W
64°30 W
63°30 W
62°30 W
61°30 W
60°30 W
59°30 W
58°30 W
AREA 2
AREA 1
NOVA SCOTIA
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□ STATIONS WITH DATA RETURN
○ INSTRUMENT LOST OR DAMAGED
△ INSTRUMENT IN SITU AT YEAR END

TABLE 3

AREA 2 "GULF"

Sta.	Location	Serial	Depth	Latitude	Longitude	Start (GMT)	Stop (GMT)
32	BAYFIELD N.S.	61471	5	45.41	61.73	June 3, 1981 (154) 16:30	Oct 4, 1981 (277) 0:30
33	PICTOU ISLAND N.S.	61457	20	45.81	62.45	Delivered April 4/81; reported missing Aug.25.	
34	TORBY RIVER N.S.	60931	19	45.8	62.83	June 4, 1981 (155) 13:30	July 20, 1981 (201) 17:30
35	SKINNERS COVE N.S.	61660	11	45.83	63.05	July 3, 1981 (184) 10:30	Sept 21, 1981 (259) 0:30
36a	PUGWASH N.S.	61452	11	45.84	63.7	Delivered June 29, 1981; Refrigerator S...	
36b	PUGWASH N.S.	61478	12	45.84	63.7	June 29, 1981 (180) 11:00	Oct 15, 1981 (288) 19:00
37	VICTORIA P.E.I.	61453	11	46.18	63.48	May 13, 1981 (133) 15:00	Sept 16, 1981 (259) 15:00
38	BAYFIELD N.S.	61484	18	46.2	63.73	Del. April 2/81; gear drive damaged in transit.	
39a	CAPE EGMONT P.E.I.	61638	15	46.42	64.38	Delivered April 2/81; reported missing Sept.20.	
39b	CAPE EGMONT P.E.I.	61644	16	46.42	64.38	June 13, 1981 (164) 12:00	Oct 24, 1981 (297) 16:00
40	WEST POINT P.E.I.	61670	11	46.5	64.38	Del Nov 23/81; gear terminal loss, suspended range.	
41a	MINIMEGASH P.E.I.	61472	17	46.9	64.38	Delivered Nov 28/81; reported missing Aug.27.	
41b	MINIMEGASH P.E.I.	60464	17	46.9	64.38	Delivered Sept.10/81; reported missing Oct.4.	
42a	RICHIBUCTO N.B.	61488	18	46.8	64.47	Delivered April 9/81; reported missing Aug.10.	
42b	RICHIBUCTO N.B.	61734	14	46.8	64.47	June 24, 1981 (236) 11:30	Oct 12, 1981 (285) 23:30
43a	POINT SAPIN N.B.	61467	7	46.93	64.8	Delivered Nov 28/81; reported stolen July 4.	
43b	POINT SAPIN N.B.	61612	7	46.93	64.8	Delivered July 7/81; reported stolen Aug.10.	
44	CHALEUR BAY P.Q.	60991	0	48	64.5	Del. Am/81; attached to fishing gear; see M1-M10.	
45	RINGUSKI P.Q.	60988	0	48.45	68.5	Delivered April 7/81; reported stolen.	
46a	TIGNISH P.E.I.	60961	10	46.93	63.93	Delivered March 28/81; reported missing Sept.3.	
46b	TIGNISH P.E.I.	61641	14	46.93	63.93	Delivered April 2/81; reported missing Oct.7.	
47a	MAUFRAGE P.E.I.	61694	0	46.5	62.42	Delivered April 23/81; reported missing June 23.	
47b	MAUFRAGE P.E.I.	60737	5	46.5	62.42	Delivered April 23/81; reported missing June 23.	
47c	MAUFRAGE P.E.I.	61038	10	46.5	62.42	Delivered April 23/81; reported missing June 23.	
47d	MAUFRAGE P.E.I.	61043	20	46.5	62.42	Delivered April 23/81; reported missing June 23.	
47e	MAUFRAGE P.E.I.	61469	0	46.5	62.42	Delivered April 23/81; reported missing June 23.	
48a	NORTH LAKE P.E.I.	60481	5	46.5	62.66	Apr 23, 1981 (113) 15:00	July 28, 1981 (209) 23:00
48b	NORTH LAKE P.E.I.	61681	10	46.5	62.66	Apr 23, 1981 (113) 15:00	July 30, 1981 (211) 19:00
48c	NORTH LAKE P.E.I.	60916	20	46.5	62.66	Apr 23, 1981 (113) 15:00	July 29, 1981 (210) 23:00
48d	NORTH LAKE P.E.I.	61039	0	46.5	62.66	Delivered April 23/81; reported missing Aug.22.	
48e	NORTH LAKE P.E.I.	61468	0	46.5	62.66	Delivered June 2/81; gear lapsed July 30.	
48f	NORTH LAKE P.E.I.	61468	15	46.5	62.66	June 17, 1981 (168) 18:30	July 29, 1981 (210) 6:30
49	BEACH POINT P.E.I.	61248	0	46.93	63.43	Delivered April 9/81; reported missing Sept.24.	
50	GRAND ETANG N.S.	61634	0	46.5	61.1	Delivered Apr.30/81; not secured.	
51a	CHETICAMP N.S.	61637	12	46.67	61.03	Delivered April 30/81; reported missing Oct.7.	
51b	CHETICAMP N.S.	61476	0	46.67	61.03	Delivered June 22/81; not secured.	
51c	CHETICAMP N.S.	61485	14	46.67	61.03	Delivered Oct.15/81; on site.	
52a	PLEASANT BAY N.S.	61475	134	46.87	60.77	Delivered April 30/81; reported missing June 15.	
52b	PLEASANT BAY N.S.	61469	0	46.87	60.77	Delivered June 22/81; not secured.	
53a	GRDS ILE M.I. P.Q.	61661	20	47.29	61.88	Delivered April 21/81; reported missing Aug.	
53b	GRDS ILE M.I. P.Q.	61649	20	47.44	61.52	Delivered Sept.8/81; on site.	
54	ETANG DU NORD M.I. P.Q.	60729	4	47.23	61.88	Delivered April 7/81; reported missing.	
55a	HAVRE-AUX-MAISONS M.I. P.Q.	61635	7	47.4	61.84	Delivered April 21/81; reported missing.	
55b	HAVRE-AUX-MAISONS M.I. P.Q.	60984	0	47.4	61.84	Delivered Nov 28/81; returned unused.	
55c	HAVRE-AUX-MAISONS M.I. P.Q.	60850	7	47.4	61.84	June 8, 1981 (159) 19:00	Sept 2, 1981 (245) 19:00
55d	HAVRE-AUX-MAISONS M.I. P.Q.	61629	0	47.4	61.84	Delivered Sept.8/81; on site.	
56a	GRAND ISLAND M.I. P.Q.	61447	18	47.47	61.45	Nov 18, 1980 (323) 15:10	Apr 19, 1981 (109) 15:10
56b	GRAND ISLAND M.I. P.Q.	61731	0	47.46	61.47	Nov 18, 1980 (323) 9:30	[illegible] 1981 (40) 4:30
56c	GRAND ISLAND M.I. P.Q.	61649	12	47.46	61.47	July 30, 1981 (211) 22:30	Nov 6, 1981 (307) 22:30
56d	GRAND ISLAND M.I. P.Q.	61635	20	47.46	61.47	Sept 9, 1981 (252) 7:30	Nov 6, 1981 (310) 7:30

The following instrument was attached to fishing equipment and used at various locations. No plots are provided, due to short observation times but degree day listings have been produced.

Sta.	Location	Serial	Depth	Latitude	Longitude	Start (GMT)	Stop (GMT)
M1	CHALEUR BAY P.Q.	60991	95	48.22	64.53	June 1, 1981 (152) 19:20	June 2, 1981 (153) 15:20
M2	WESTERN BRADELLE VALLEY P.Q.	60991	80	47.73	63.42	June 2, 1981 (153) 22:00	June 3, 1981 (154) 18:00
M3	WESTERN BRADELLE VALLEY P.Q.	60991	82	46.77	63.33	June 3, 1981 (154) 19:00	June 4, 1981 (155) 19:00
M4	WESTERN BRADELLE VALLEY P.Q.	60991	82	47.72	63.28	June 4, 1981 (155) 22:30	June 5, 1981 (156) 18:30
M5	ORPHAN BANK P.Q.	60991	102	48.12	63.63	June 5, 1981 (156) 19:00	June 7, 1981 (158) 23:00
M6	NEAR BRADELLE BANK P.Q.	60991	74	48.63	63.35	Oct 6, 1981 (279) 19:30	Oct 7, 1981 (280) 11:30
M7	NEAR BRADELLE BANK P.Q.	60991	76	47.77	63.4	Oct 7, 1981 (280) 17:00	Oct 13, 1981 (286) 17:00
M8	ORPHAN BANK P.Q.	60991	94	48.1	63.5	Oct 13, 1981 (286) 17:40	Oct 14, 1981 (287) 17:40
M9	NEAR ORPHAN BANK P.Q.	60991	95	48.18	63.35	Oct 14, 1981 (287) 18:00	Oct 15, 1981 (288) 22:00
M10	CHALEUR BAY P.Q.	60991	95	48.2	64.35	Oct 16, 1981 (289) 20:30	Oct 17, 1981 (290) 20:30

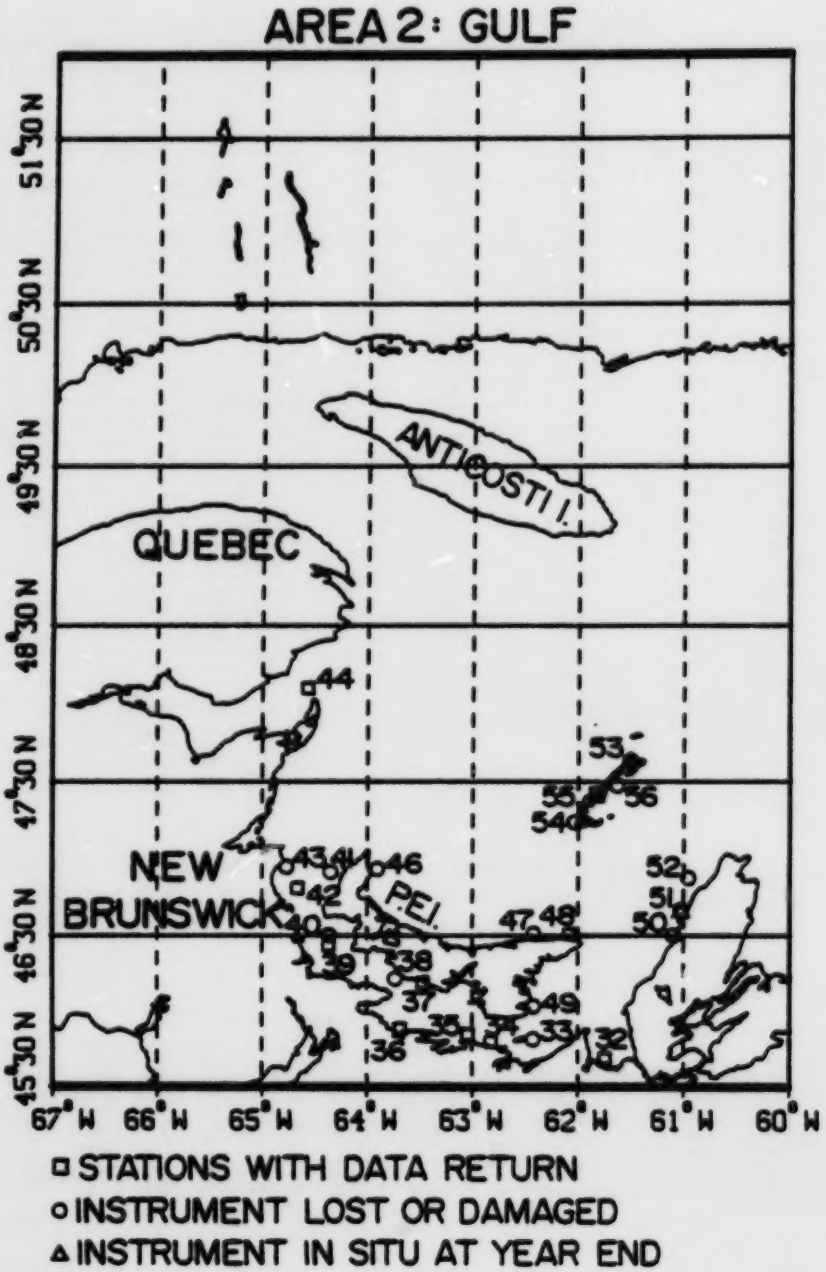

AREA 2: GULF
51°30 N
50°30 N
49°30 N
48°30 N
47°30 N
46°30 N
45°30 N
67° W
66° W
65° W
64° W
63° W
62° W
61° W
60° W
ANTICOSTI I.
QUEBEC
NEW BRUNSWICK
P.E.I.
□ STATIONS WITH DATA RETURN
○ INSTRUMENT LOST OR DAMAGED
△ INSTRUMENT IN SITU AT YEAR END

TABLE 4

AREA 3: NEWFOUNDLAND

This list does not include data produced by twenty-nine other instruments from various sites in Newfoundland. The data has been temporarily kept by the users and will be reported in next year's atlas.

Sta.	Location	Serial	Depth	Latitude	Longitude	Start (GMT)	Stop (GMT)
57e	LITTLE BAY MORTIER NFLD.	41675	6.1	47.16	55.11	Oct 21, 1980 (275) 19:45	Feb 8, 1981 (39) 15:45
57h	LITTLE BAY MORTIER NFLD.	41652	6	47.16	55.11	Nov 10, 1981 (108) 17:30	Oct 4, 1981 (277) 17:30
58a	SPENCER'S COVE NFLD.	41656	9	47.67	54.00	Oct 7, 1980 (274) 20:15	Oct 18, 1980 (292) 4:15
58b	SPENCER'S COVE NFLD.	41672	9	47.67	54.00	Oct 11, 1980 (285) 14:30	Nov 22, 1980 (327) 20:30
58c	SPENCER'S COVE NFLD.	41659	9	47.67	54.00	Nov 13, 1980 (318) 15:30	Feb 13, 1981 (44) 15:30
58d	SPENCER'S COVE NFLD.	41732	9	47.67	54.00	Nov 13, 1980 (318) 17:00	Apr 24, 1981 (114) 12:00
58e	SPENCER'S COVE NFLD.	41680	9	47.67	54.00	Nov 24, 1981 (116) 12:30	Sept 18, 1981 (261) 20:30
58f	SPENCER'S COVE NFLD.	41681	9	47.67	54.00	Nov 24, 1981 (116) 12:30	Sept 18, 1981 (261) 20:30
58g	SPENCER'S COVE NFLD.	40731	9	47.67	54.00	Sept 18, 1981 (261) 14:30	Jan 18, 1982 (18) 18:30
58h	SPENCER'S COVE NFLD.	40730	9	47.67	54.00	Sept 18, 1981 (261) 14:30	Jan 18, 1982 (18) 18:30
59	ARNOLDS COVE NFLD.	41448	9	47.78	53.98	Aug 26, 1981 (238) 16:40	Jan 26, 1982 (26) 12:40
60a	LOST BAY NFLD.	41630	33	47.38	53.4	July 18, 1980 (200) 20:00	Sept 15, 1980 (259) 14:00
60b	LOST BAY NFLD.	40454	33	47.38	53.4	Aug 30, 1980 (243) 15:30	Nov 12, 1981 (132) 3:30

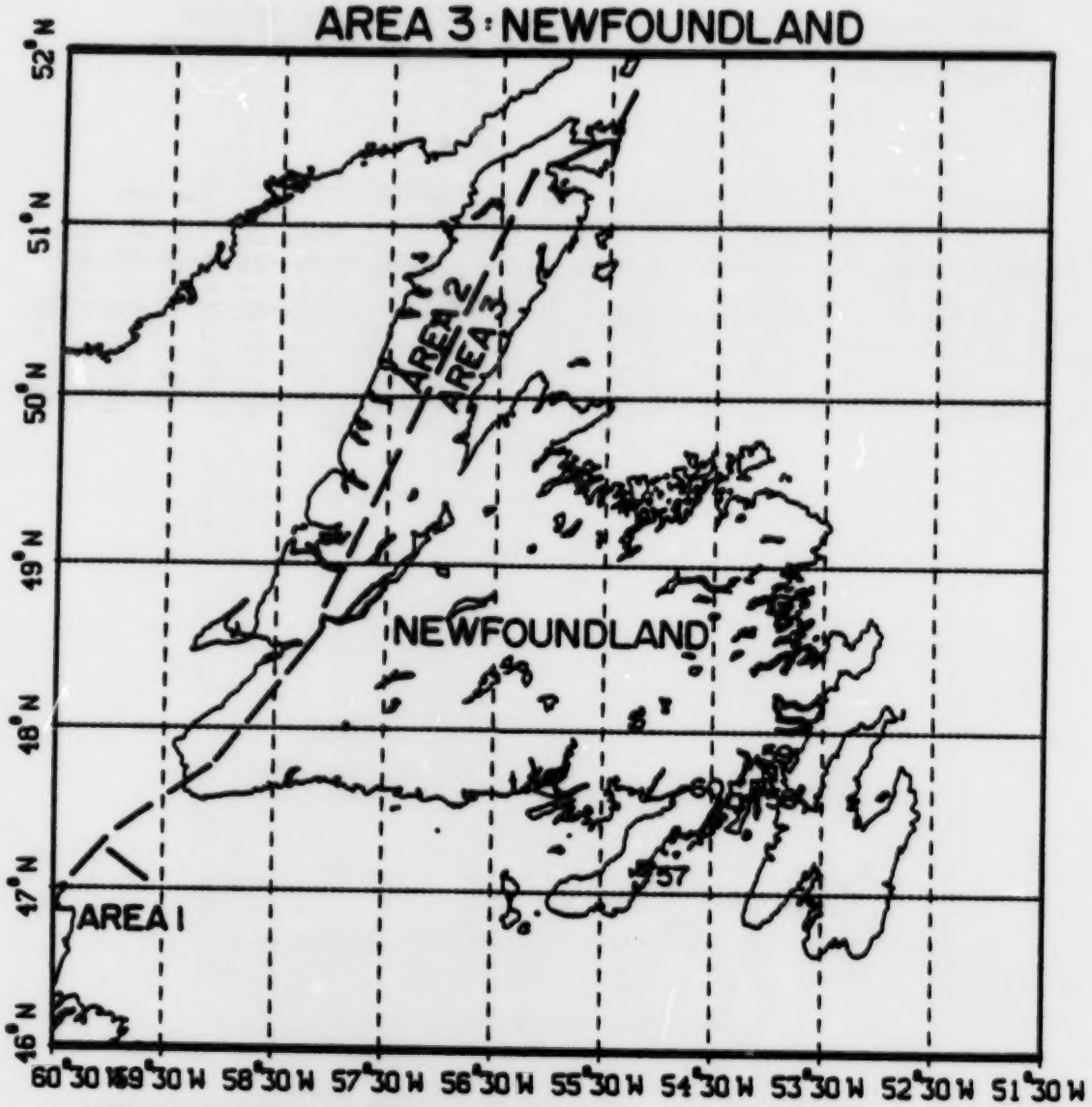

AREA 3 : NEWFOUNDLAND
52°N
51°N
50°N
49°N
48°N
47°N
46°N
AREA 2
AREA 3
NEWFOUNDLAND
AREA 1
60°30 W
59°30 W
58°30 W
57°30 W
56°30 W
55°30 W
54°30 W
53°30 W
52°30 W
51°30 W
□ STATIONS WITH DATA RETURN
○ INSTRUMENT LOST OR DAMAGED
△ INSTRUMENT IN SITU AT YEAR END

Table 5

Summary of data return and loss

Deployments	104
Instruments lost	38
Usable data	6055 days
Unusable or missing data	990 days
Average mooring period	102 days
Instruments lost x average mooring period	3876 days
% data return (lost instruments omitted)	86
% data return (lost instrument included)	55
Instruments leaked	0
Instruments with mechanical or electrical failure	3
Instruments damaged in transit	4
Instruments adrift but recovered	6

Table 6

Monthly Mean Sea Surface Temperature

LATITUDE	43–44		43–44		44–45	
LONGITUDE	65–66		65–66		66–67	
LOCATION	Cape Sable		Yarmouth		Digby	
	1980	1981	1980	1981	1980	1981
Month						
Jan.	1.2	2.1	4.3	3.1	-	3.2
Feb.	3.2	2.3	4.5	3.2	3.0	2.6
Mar.	3.0	2.8	2.7	3.3	2.8	3.6
Apr.	6.5	5.5	5.5	5.8	-	5.6
May	7.5	6.8	6.0	7.3	6.1	7.3
June	10.7	9.5	8.6	9.9	9.1	9.6
July	11.9	12.1	11.3	12.4	11.6	11.4
Aug.	15.0	13.3	12.7	12.8	13.0	11.7
Sept.	13.7	14.5	13.0	14.1	13.0	12.2
Oct.	-	11.9	10.5	11.9	11.1	10.3
Nov.	8.4	9.5	7.4	9.5	8.8	8.3
Dec.	6.2	6.8	5.6	7.2	6.6	6.3

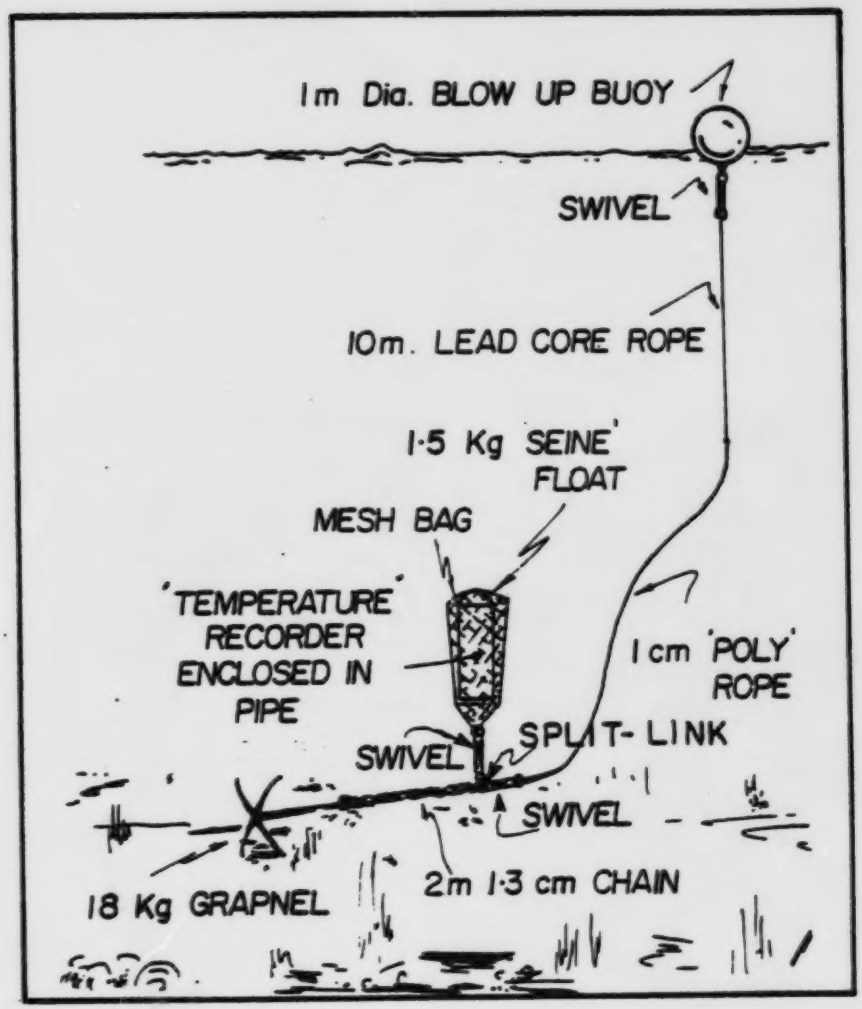
Table 7
Monthly degree calculations relative to 0°C

LOCATION	1980					1981													1982
	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec	Jan
Kennebec (9.1)														465*	472	426	312			
Kennebec (38.4)														152	246	241	282			
Kennebec (15.2)														269	280	275				
Alma Deep (20)						268							256	370						
Delaps Cove (?)	214	276											275	383						
Delaps (17)													98	134						
P.Maitland Pier (7)	301	378																		
P.Maitland Fairway (11)										68	115	219								
P.Maitland Fairway (14)									8.25				290	350	369	418				
Lurcher Shoal (May 146)	191	258	263	298	314										509	454	312	266		
Gan. Rock (22)															525	474	325	280		
Gan. Rock (11)						190	60	0	15	69	165									
School Pt. (8)												215								
Mud Isl. (24)								83	5	8										
Pubnico (28)												162	167	198	316	497				
Cape Sable (24)														184	291	422	306	277		
Port Latour (12)			430	474	326	277														
Ingomar (40)									167	201	226	327								
Ingomar (22)												141	138	150	253	395	284			
Lockeport (17)							134	56	32	55	79	143	187	264	442	484	322			
E. Dover (7)							104	8	0			70	120	227	386	261				
New Hbr. (14)					346					86	135	183	325							
Doots Cove																				
Wreck Cove (15)		32	21	31									346	546	556	498				
Bayfield (5)													373	556						
Toney River (19)														495	513	474				
Skinners C (11)														499	555	495	378			
Pugwash (12)																				
Victoria (11)												201	296	432	514	484				
Cape Egmont (16)													409	561	593	507	339			

Table 7 (continued)

Monthly degree calculations relative to 0°C

LOCATION	1980						1981												1982
	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec	Jan
Victoria (11)												201	296	432	514	484				
Cape Egmont (16)												409	561	593	507	339				
Richibucto (14)																553				
North Lake (5)												151	328	495						
North Lake (10)												99	272	422						
North Lake (15)														402						
North Lake (20)												129	265	343						
H. aux Maisons (7)													340	487	507					
Shag Isl. (18)							20	0	0	0	0					351	303			
Shag Isl. (?)							28	0							460	406	308			
Shag Isl. (12)																				
Little Bay Mort. (6)						196	122	61				127	184	299	368	391				
Spencers Cove(9)					326	268	96	48	10	29	53	145	229	371	441	421	381	304	259	259
Arn Cove (9)																371	288	193	122	
Logy Bay (35)			439	471				3	0	0	0									82



Mooring Diagram for Temperature Recorder

APPENDIX 1

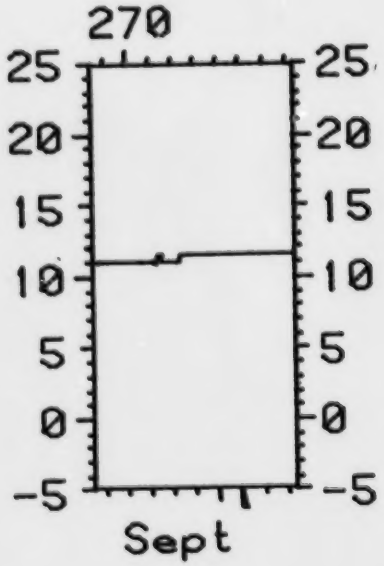
Area 1: Scotia Fundy

Temperature Records

CHANCE HARBOUR N.B. *

Pos. : 45.1, 66.3

Sept 24, 1980 12:00 GMT to Oct 3, 1980 8:00 GMT



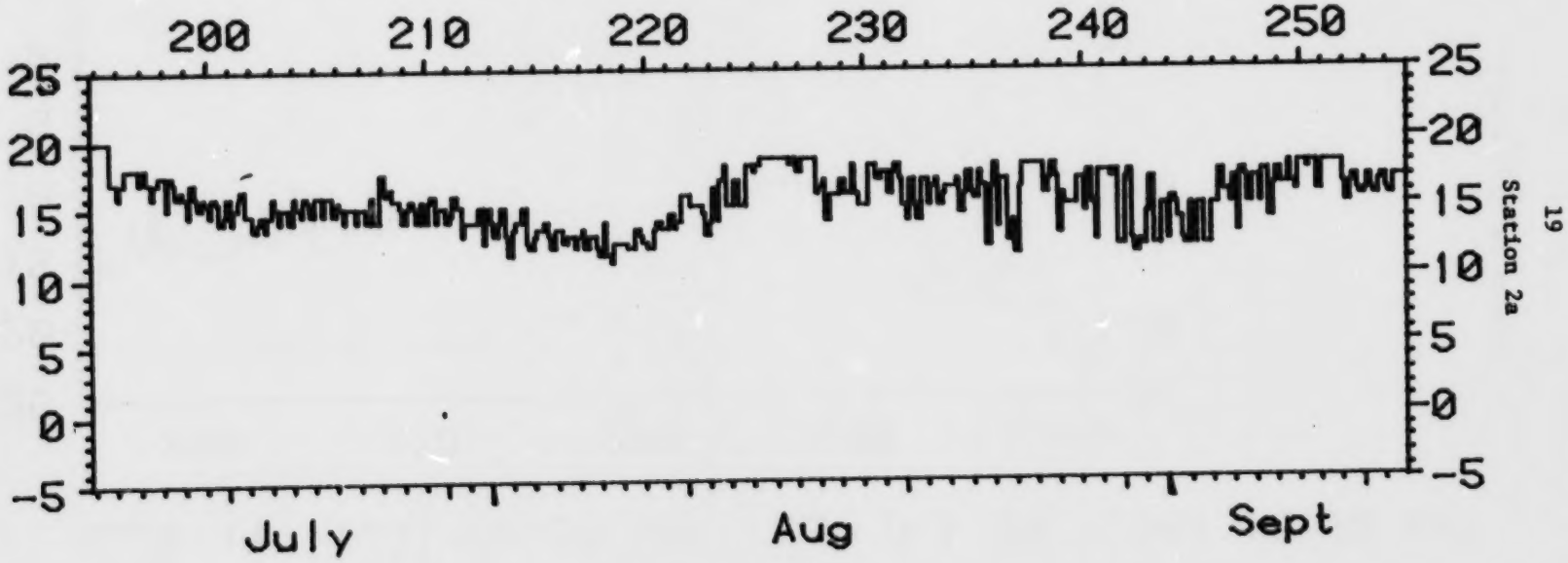
Instrument : 60733

Depth not recorded.

KENNEBECASSIS N.B. (Page 1)

Pos. : 45.36, 66.05 Depth : 9.1 meters

July 13, 1981 18:30 GMT to Sept 11, 1981 22:30 GMT



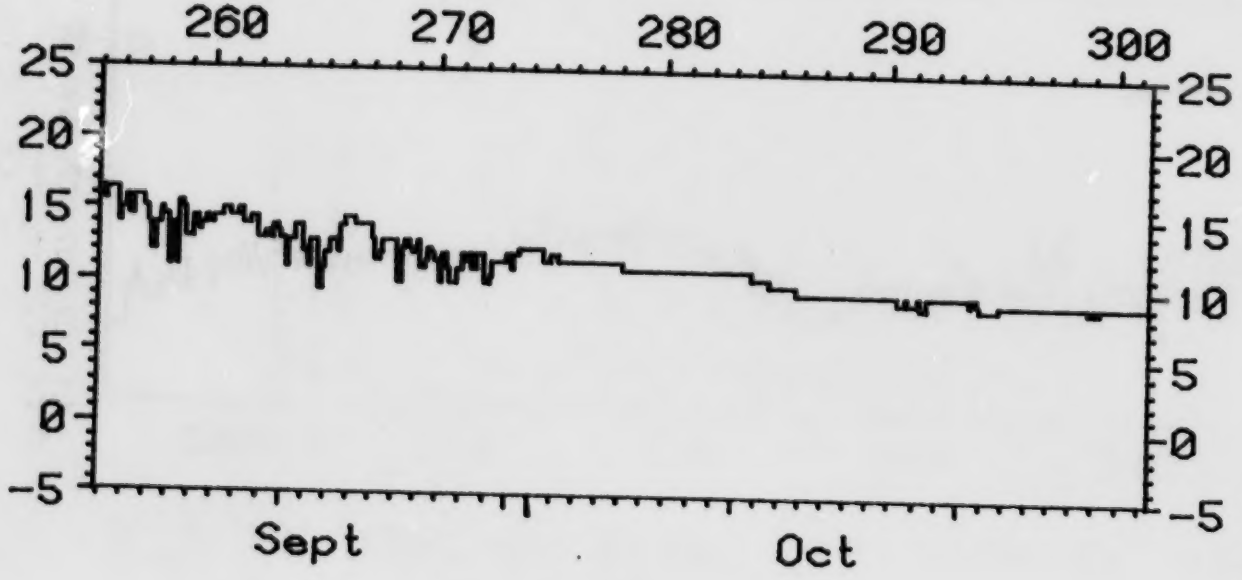
Instrument : 61634

KENNEBECASSIS N.B.

(Page 2)

Pos. : 45.36, 66.05 Depth : 9.1 meters

Sept 11, 1981 22:30 GMT to Oct 28, 1981 10:30 GMT

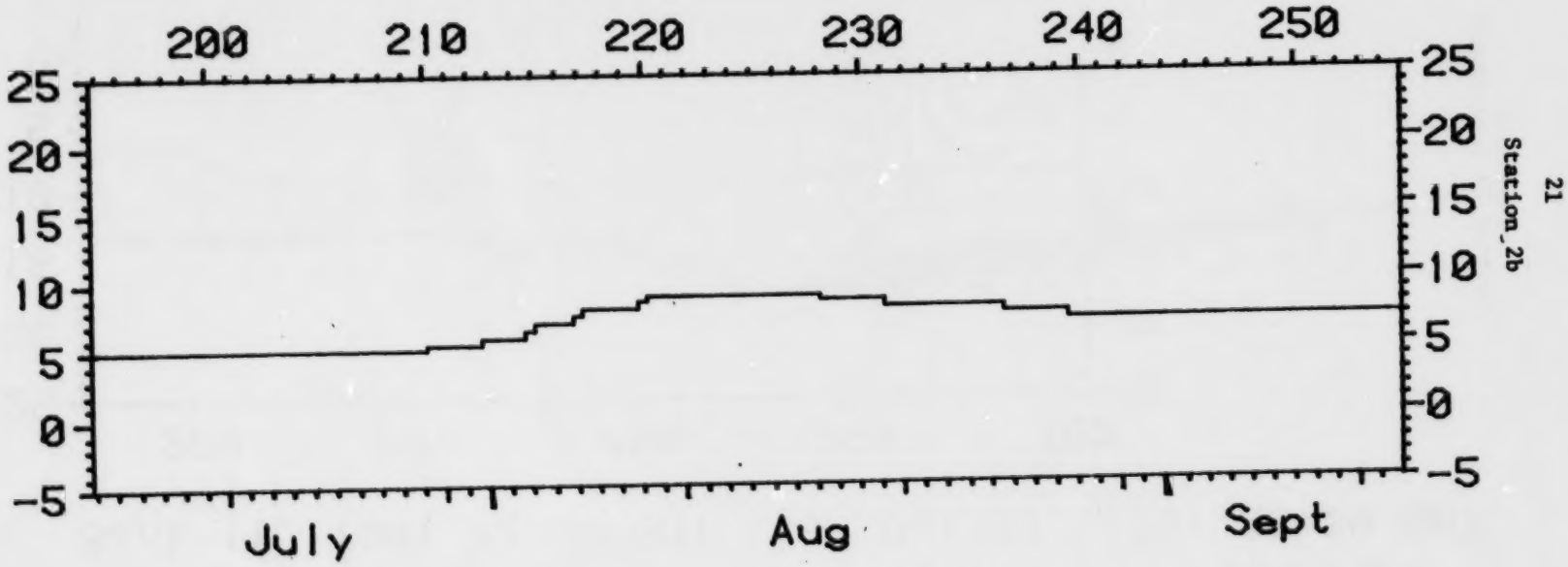


Instrument : 61634

KENNEBECASSIS N.B. (Page 1)

Pos. : 45.36, 66.05 Depth : 38.4 meters

July 13, 1981 18:30 GMT to Sept 11, 1981 22:30 GMT

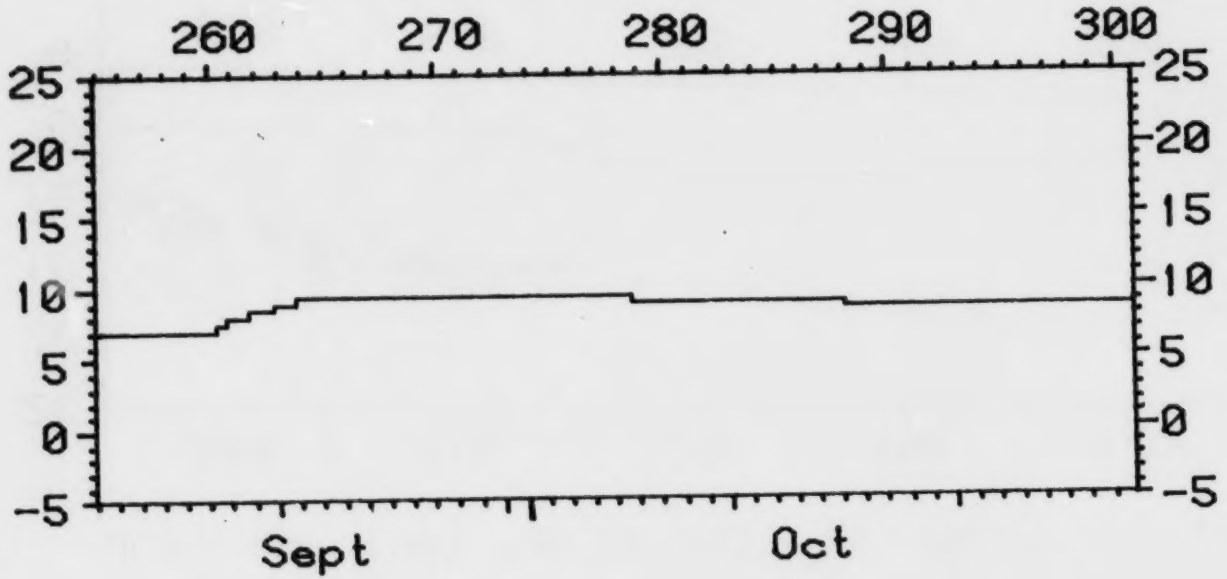


Instrument : 61671

KENNEBECASSIS N.B. (Page 2)

Pos. : 45.36, 66.05 Depth : 38.4 meters

Sept 11, 1981 22:30 GMT to Oct 27, 1981 22:30 GMT

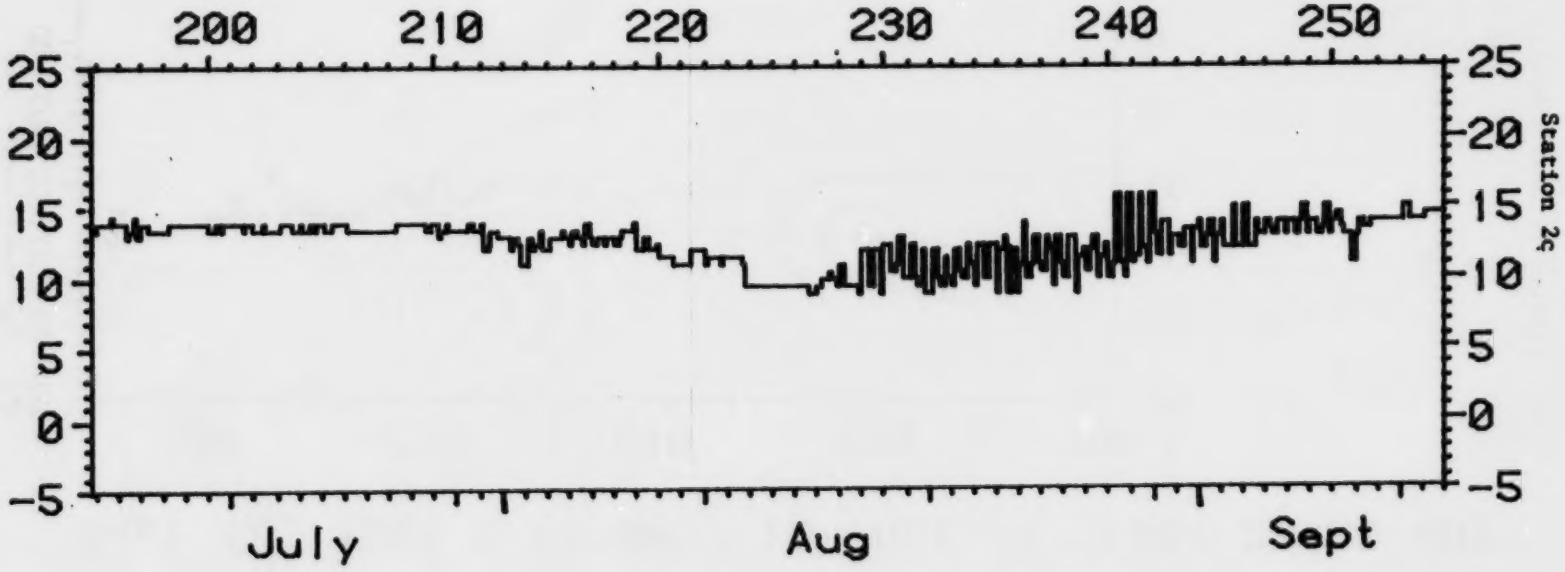


Instrument : 61671

KENNEBECASSIS N.B. (Page 1)

Pos. : 45.31, 66.13 Depth : 9.1 meters

July 13, 1981 20:00 GMT to Sept 12, 1981 0:00 GMT

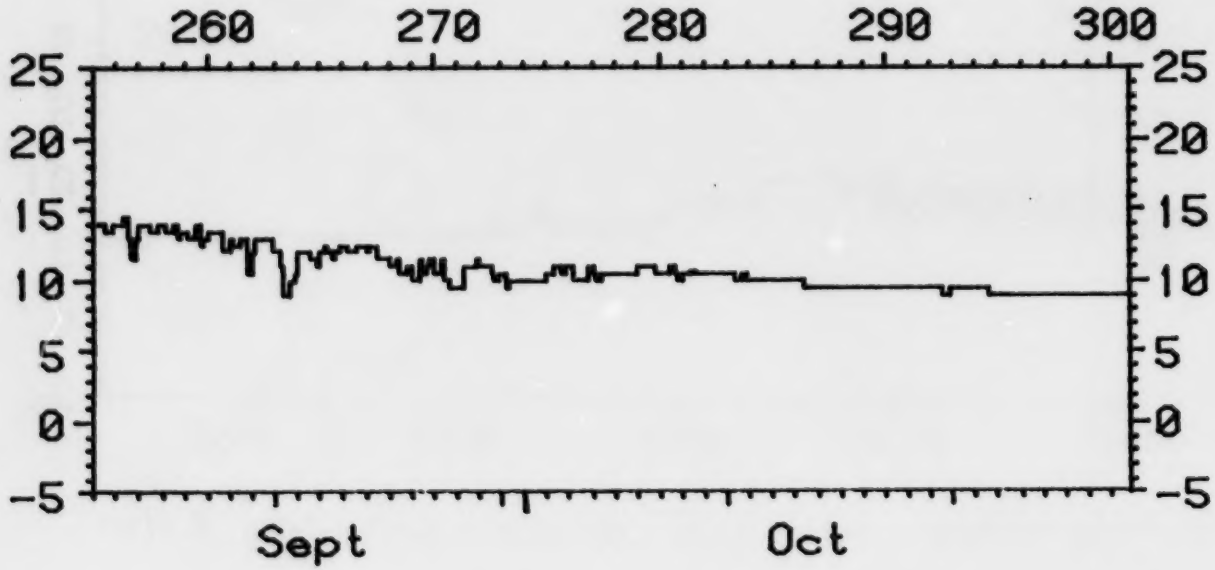


Instrument : 61656

KENNEBECASSIS N.B. (Page 2)

Pos. : 45.31, 66.13 Depth : 9.1 meters

Sept 12, 1981 0:00 GMT to Oct 27, 1981 20:00 GMT

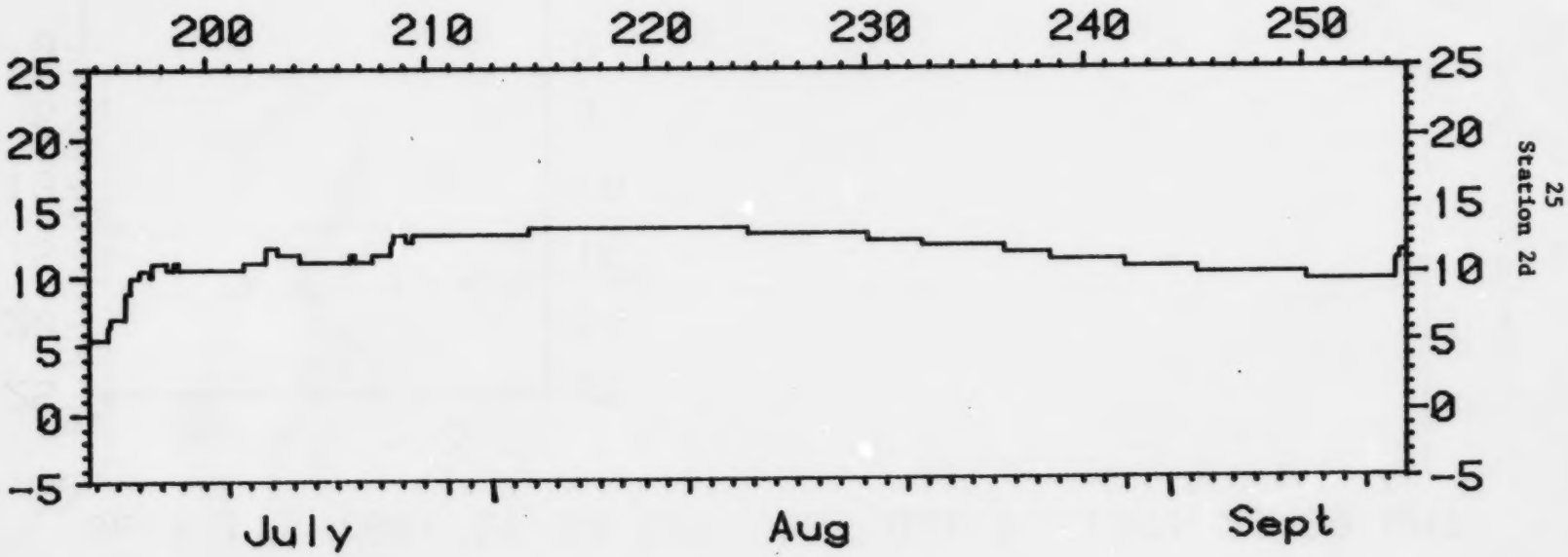


Instrument : 61656

KENNEBECASSIS N.B. (Page 1)

Pos. : 45.36, 66.04 Depth : 36.88 meters

July 13, 1981 17:00 GMT to Sept 11, 1981 21:00 GMT

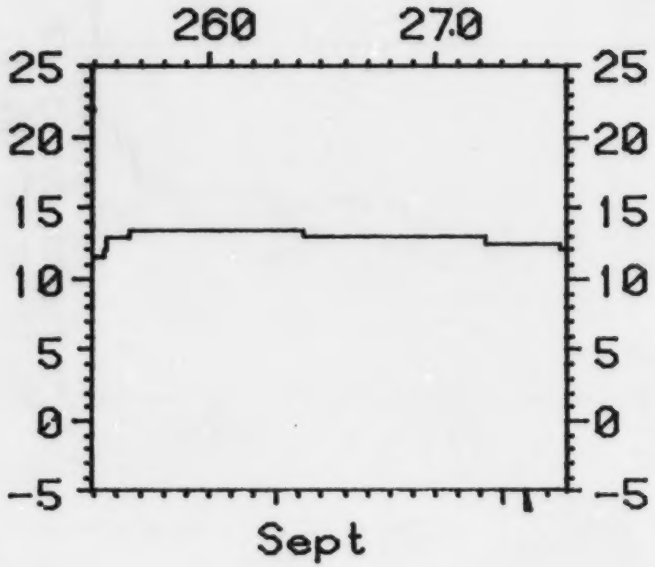


Instrument : 61657

KENNEBECASSIS N.B. (Page 2)

Pos. : 45.36, 66.04 Depth : 36.88 meters

Sept 11, 1981 21:00 GMT to Oct 2, 1981 21:00 GMT

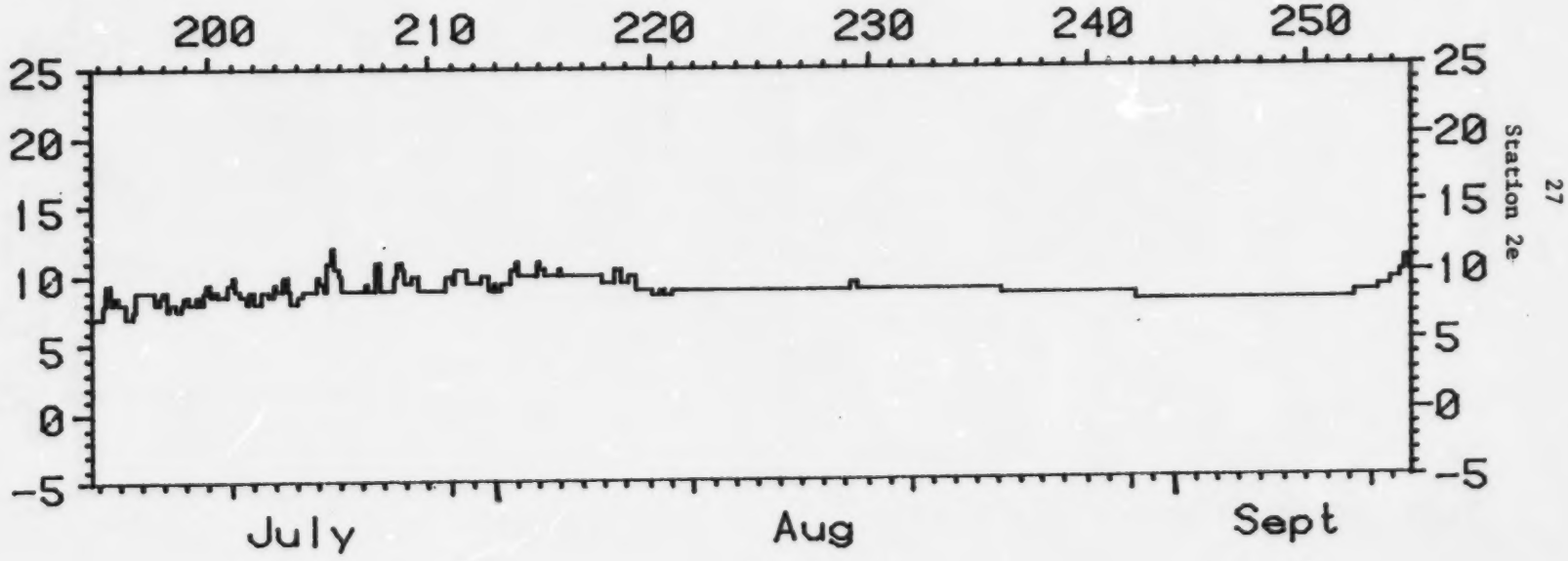


Instrument : 61657

KENNEBECASSIS N.B. (Page 1)

Pos. : 45.36, 66.04 Depth : 15.24 meters

July 13, 1981 17:00 GMT to Sept 11, 1981 21:00 GMT

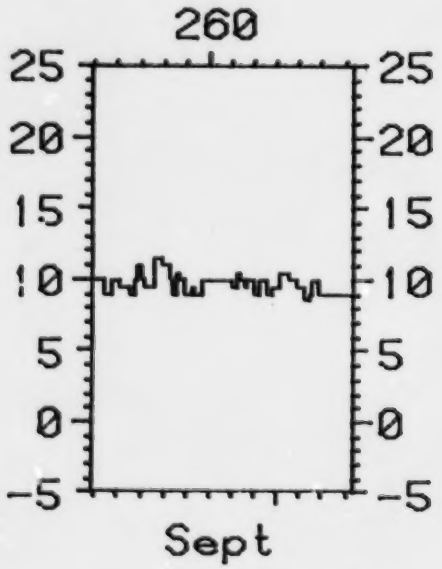


Instrument : 61680

KENNEBECASSIS N.B. (Page 2)

Pos. : 45.36, 66.04 Depth : 15.24 meters

Sept 11, 1981 21:00 GMT to Sept 23, 1981 9:00 GMT

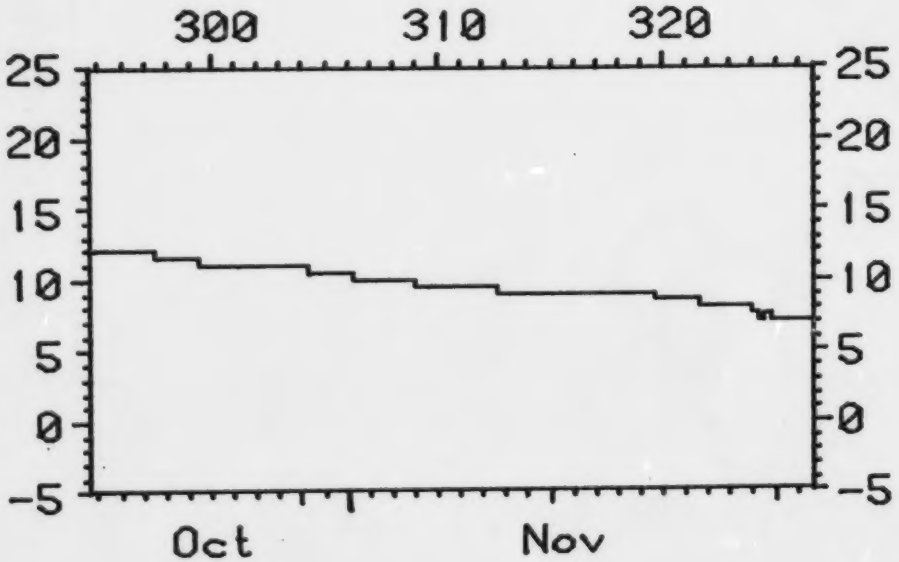


Instrument : 61680

ALMA DEEP N.B. *

Pos. : 45.6, 64.95 Depth : 20 meters

Oct 20, 1980 15:30 GMT to Nov 21, 1980 15:30 GMT

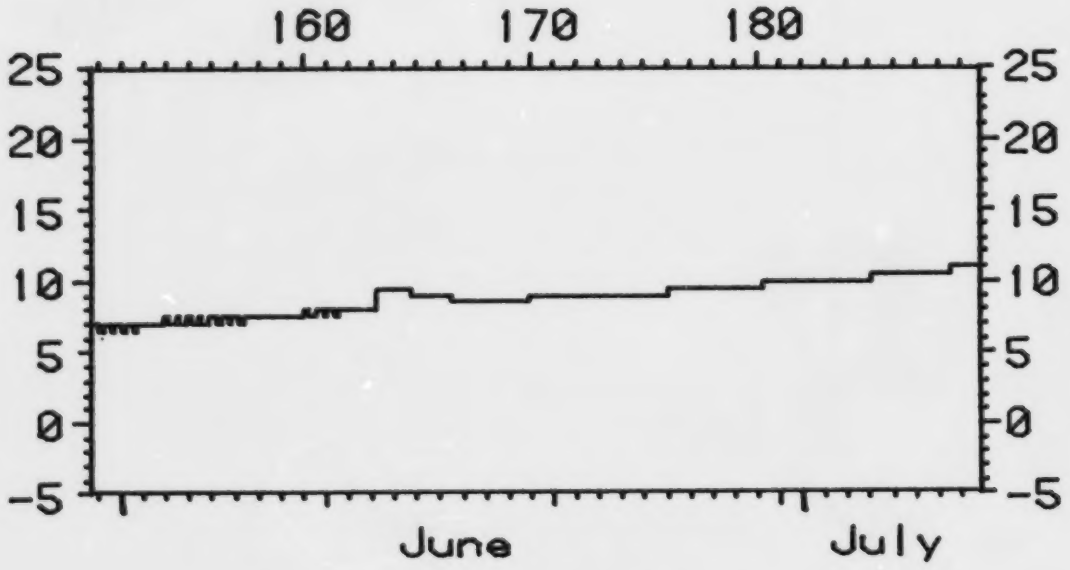


Instrument : 60909

ALMA DEEP N.B. *

Pos. : 45.6, 64.95 Depth : 20 meters

May 30, 1981 17:00 GMT to July 8, 1981 21:00 GMT

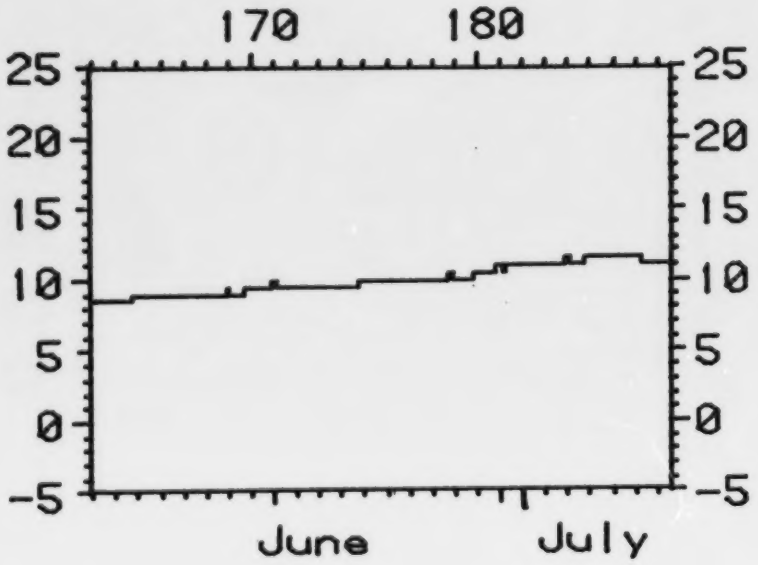


Instrument : 60909

ALMA SHALLOW N.B. *

Pos. : 45.6, 64.95 Depth : 12 meters

June 11, 1981 21:30 GMT to July 7, 1981 13:30 GMT

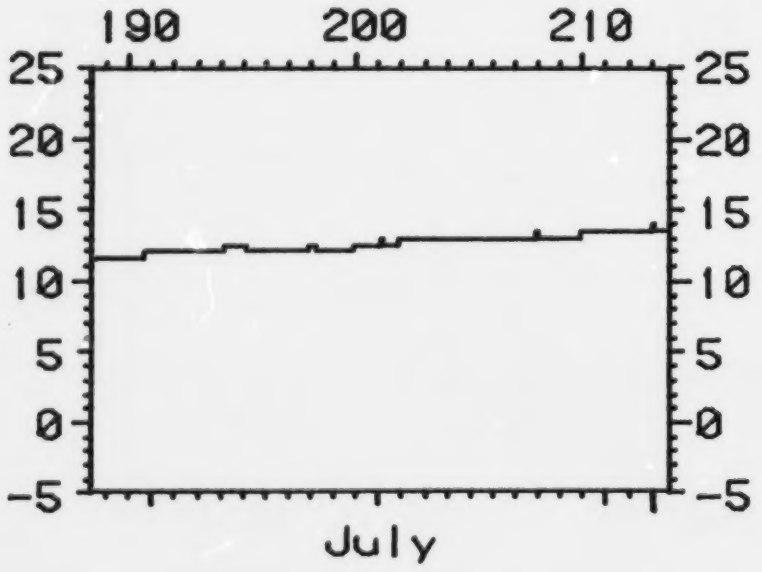


Instrument : 60733

ALMA SHALLOW N.B. *

Pos. : 45.6, 64.95 Depth : 12 meters

July 7, 1981 8:30 GMT to Aug 1, 1981 20:30 GMT



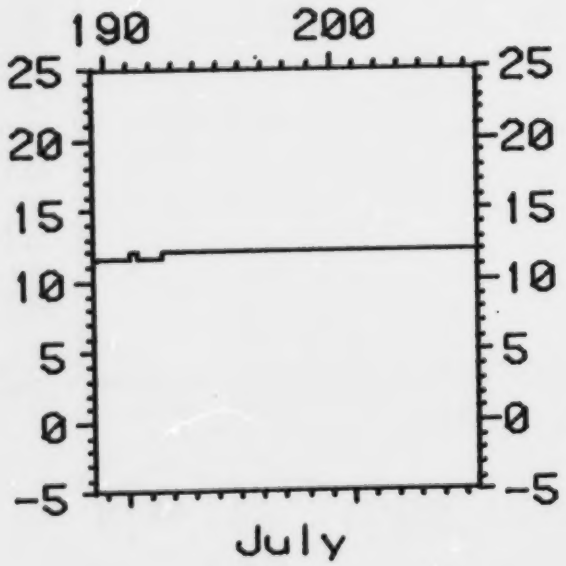
No serial number recoded

Station 3d

ALMA DEEP N.B. *

Pos. : 45.6, 64.95 Depth : 20 meters

July 8, 1981 12:30 GMT to July 25, 1981 12:30 GMT

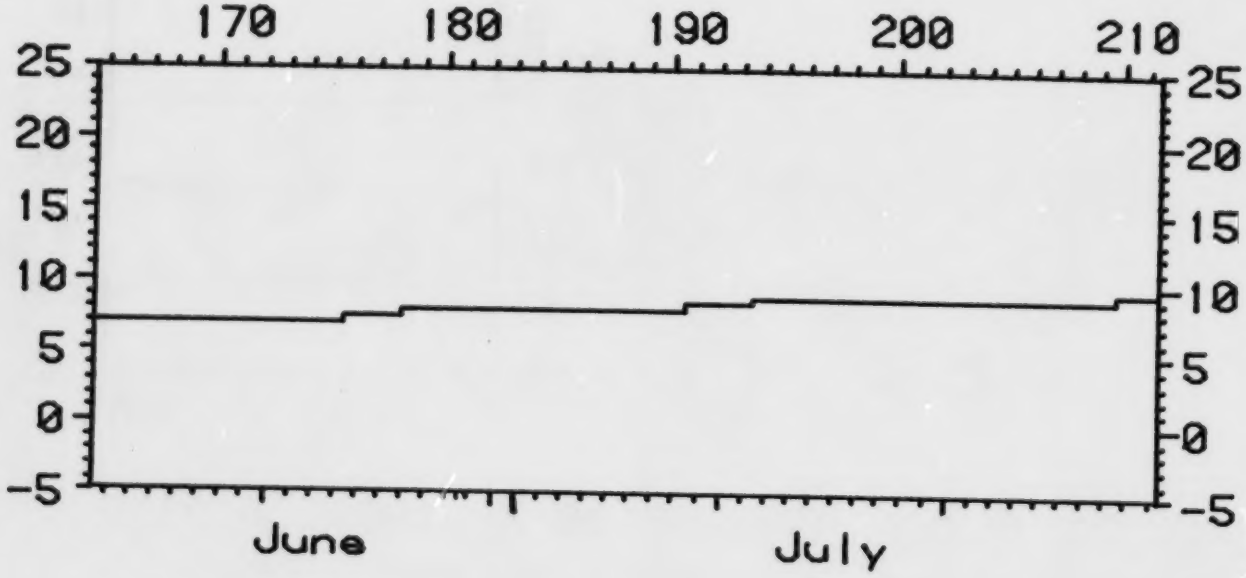


No serial number recorded.

DELAPS COVE N.S. *

Pos. : 44.8, 65.65

June 12, 1980 12:00 GMT to July 29, 1980 12:00 GMT



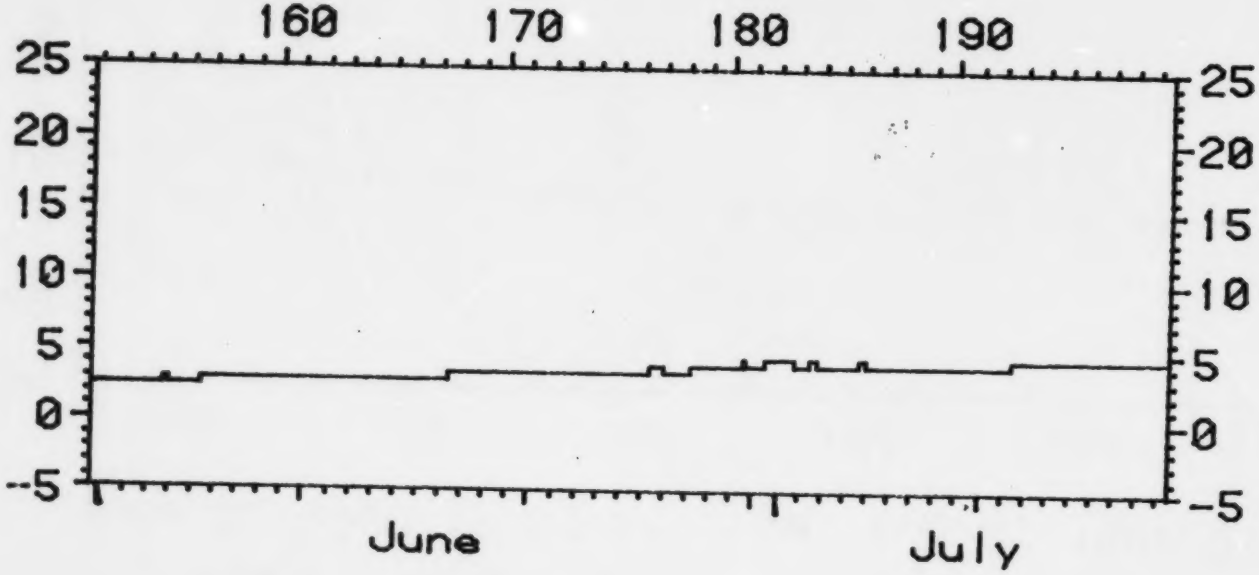
Instrument : 61032

No depth recorded.

DELAPS COVE N.S.

Pos. : 44.78, 65.63 Depth : 17 meters

May 31, 1981 15:30 GMT to July 18, 1981 11:30 GMT



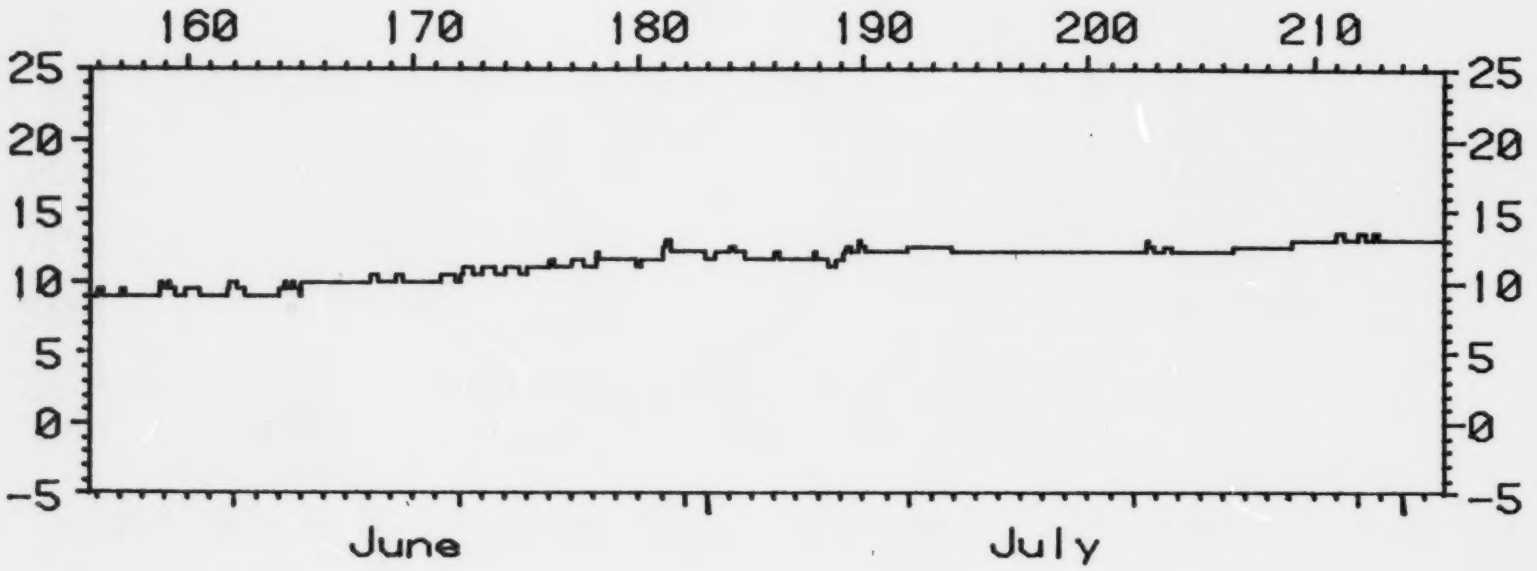
Instrument : 61686

Station 4b

PORT MAITLAND PIER N.S. (Page 1)

Pos. : 43.98, 66.15 Depth : 7 meters

June 3, 1980 17:00 GMT to Aug 2, 1980 21:00 GMT

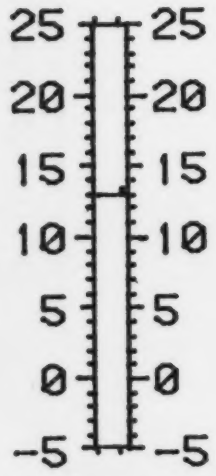


Instrument : 61042

PORT MAITLAND PIER N.S. (Page 2)

Pos. : 43.98, 66.15 Depth : 7 meters

Aug 2, 1980 21:00 GMT to Aug 4, 1980 9:00 GMT

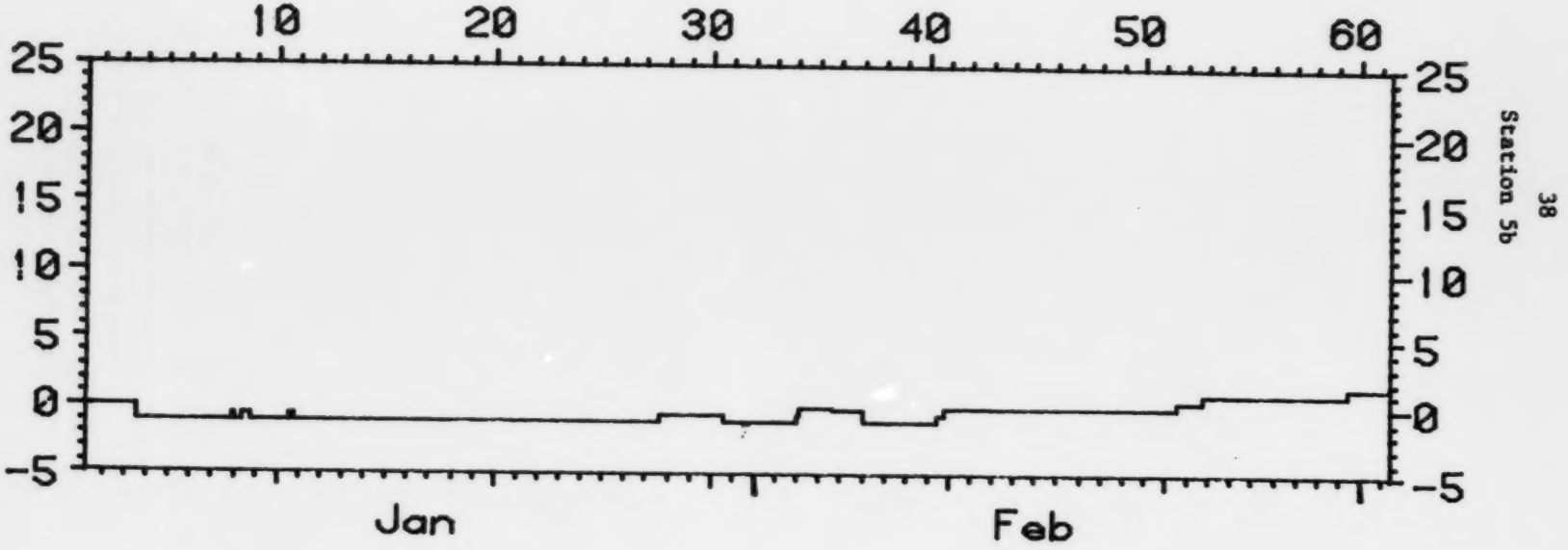


Instrument : 61042

PORT MAITLAND FAIRWAY N.S. (Page 1)

Pos. : 43.99, 66.18 Depth : 14 meters

Jan 1, 1981 6:30 GMT to Mar 2, 1981 10:30 GMT

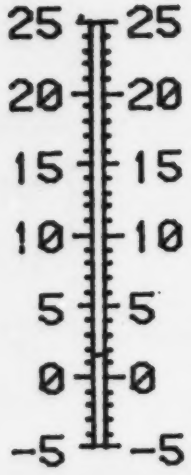


Instrument : 61029

PORT MAITLAND FAIRWAY N.S. (Page 2)

Pos. : 43.99, 66.18 Depth : 14 meters

Mar 2, 1981 10:30 GMT to Mar 2, 1981 22:30 GMT

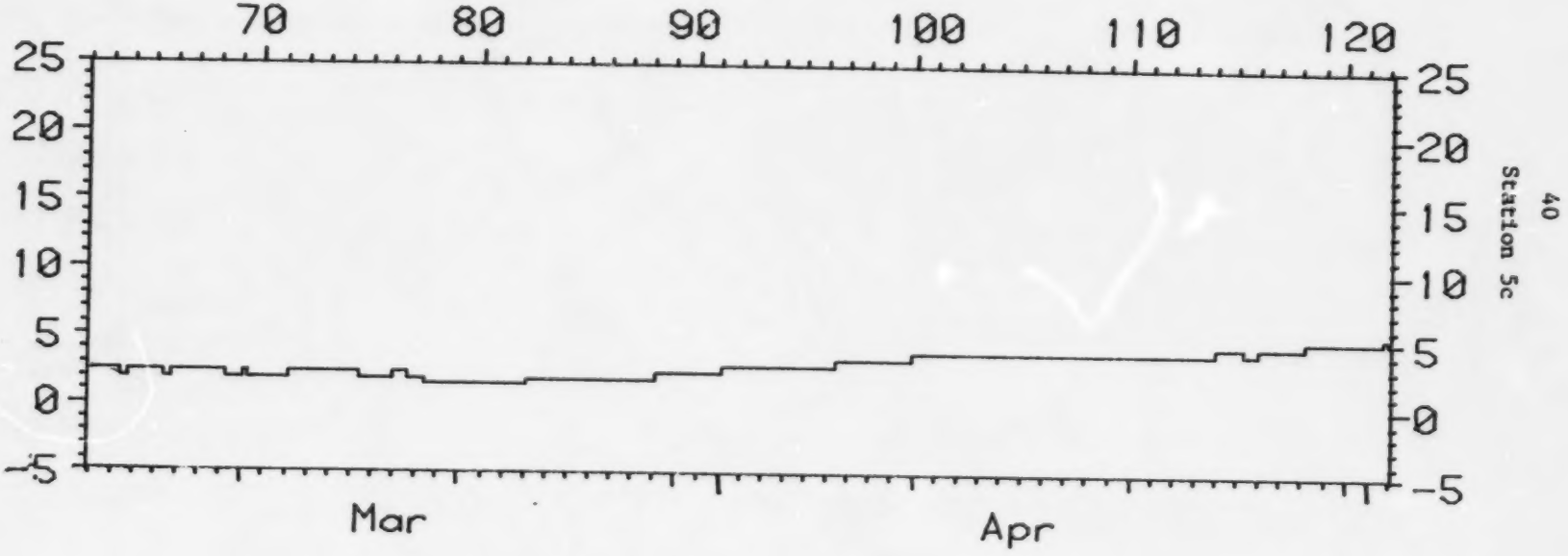


Instrument : 61029

PORT MAITLAND FAIRWAY N.S. (Page 1)

Pos. : 43.99, 66.18 Depth : 11 meters

Mar 2, 1981 23:00 GMT to May 2, 1981 3:00 GMT

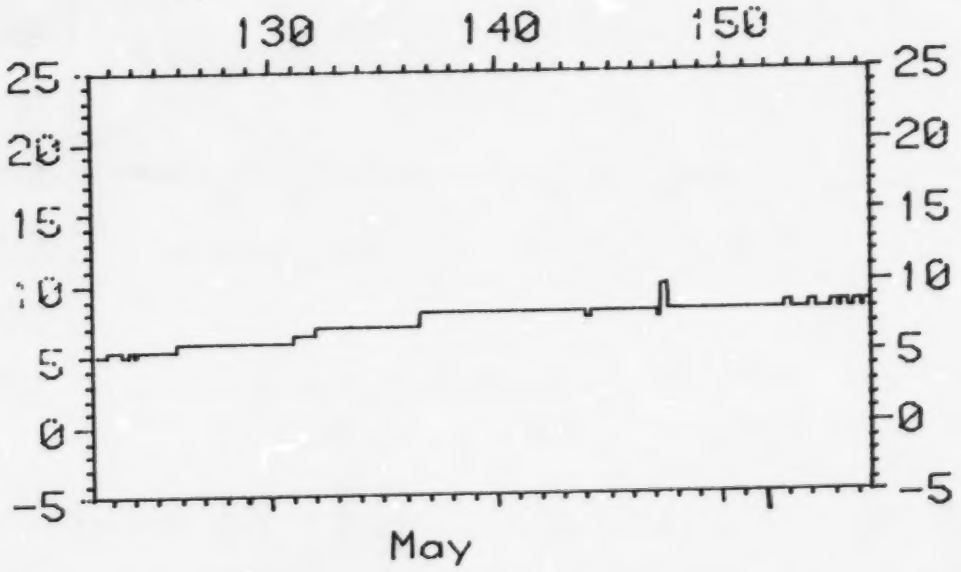


Instrument : 61448

PORT MAITLAND FAIRWAY N.S. (Page 2)

Pos. : 43.99, 66.18 Depth : 11 meters

May 2, 1981 3:00 GMT to June 5, 1981 7:00 GMT

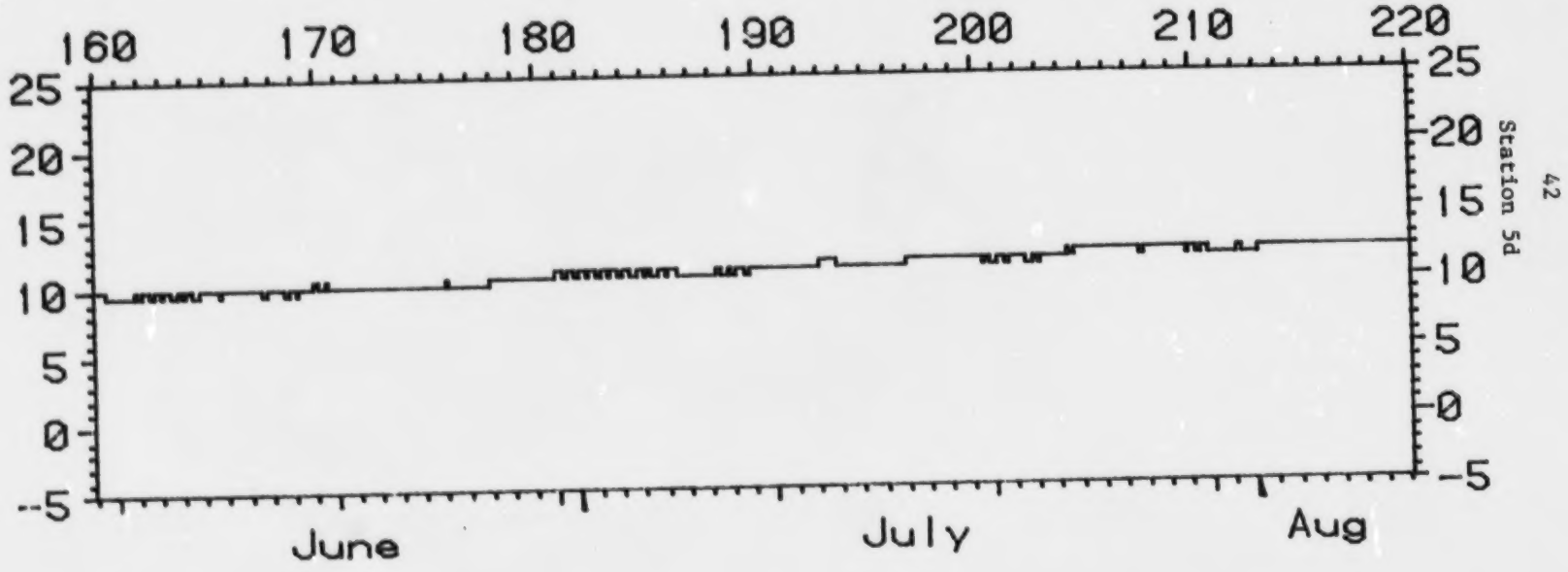


Instrument : 61448

PORT MAITLAND FAIRWAY N.S. (Page 1)

Pos. : 44.99, 66.18 Depth : 14 meters

June 8, 1981 22:30 GMT to Aug 8, 1981 2:30 GMT

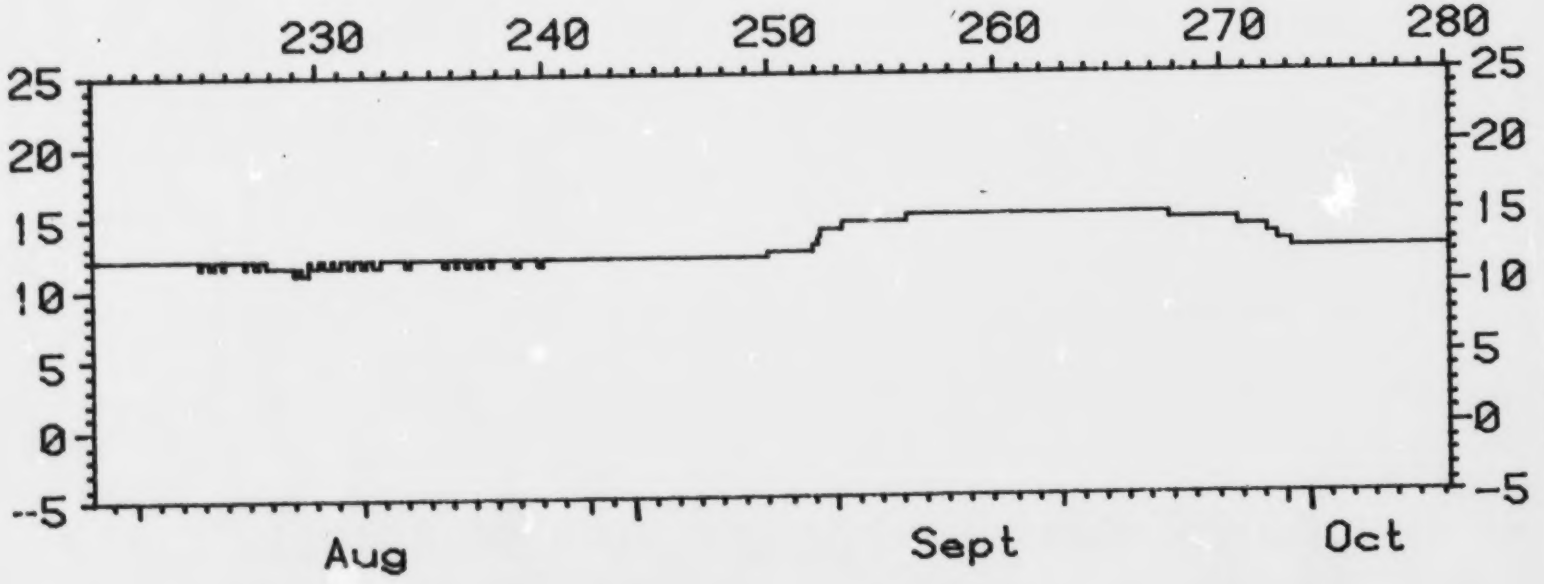


Instrument : 61668

PORT MAITLAND FAIRWAY N.S. (Page 2)

Pos. : 44.99, 66.18 Depth : 14 meters

Aug 8, 1981 2:30 GMT to Oct 7, 1981 6:30 GMT



Instrument : 61668

PORT MAITLAND FAIRWAY N.S. (Page 3)

Pos. : 44.99, 66.18 Depth : 14 meters

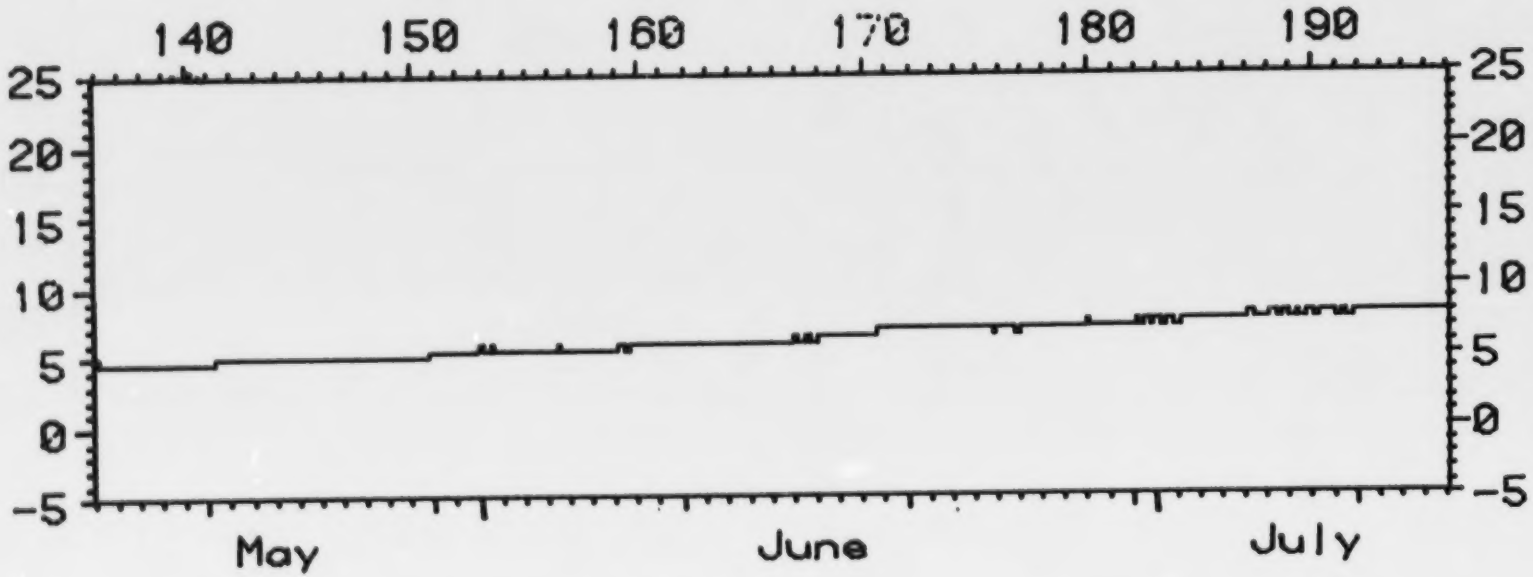
Oct 7, 1981 6:30 GMT to Oct 13, 1981 22:30 GMT

Instrument : 61668

LURCHER SHOAL N.S. (Page 1)

Pos. : 43.86, 66.5 Depth : 36 meters

May 14, 1980 22:30 GMT to July 14, 1980 2:30 GMT



Instrument : 61444

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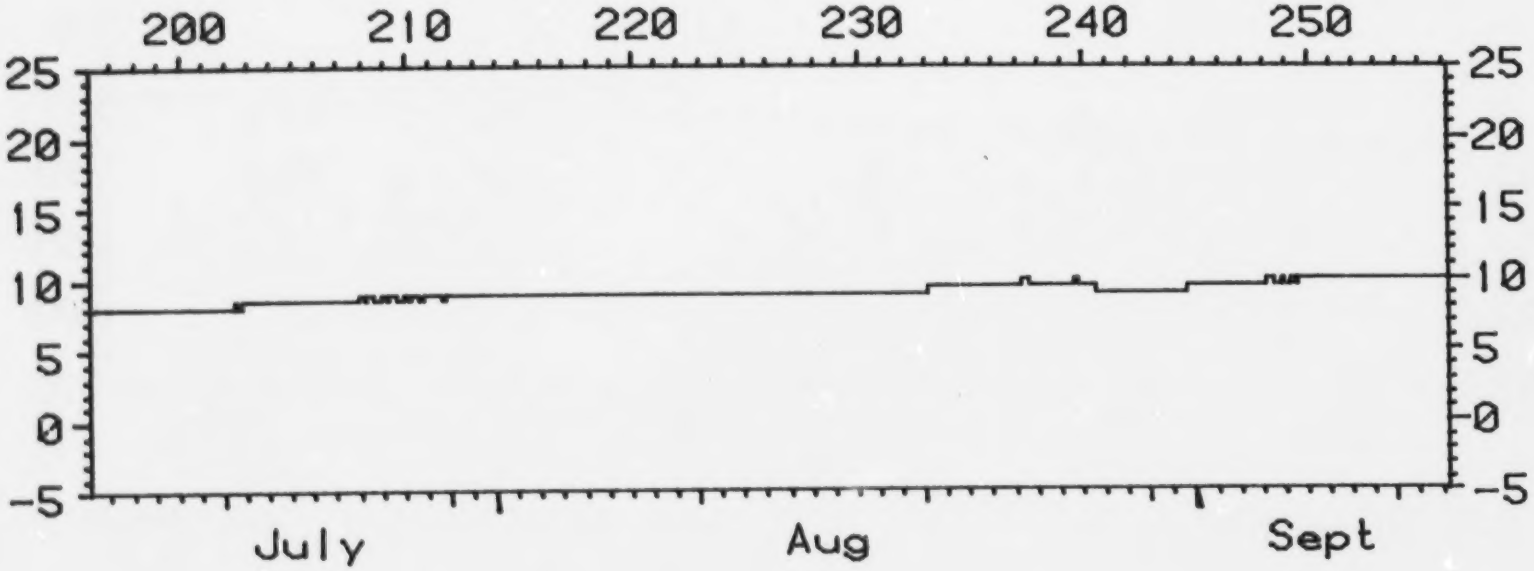
Station 7a

LURCHER SHOAL N.S. (Page 2)

Pos. : 43.86, 66.5 Depth : 36 meters

July 14, 1980 2:30 GMT to Sept 12, 1980 6:30 GMT

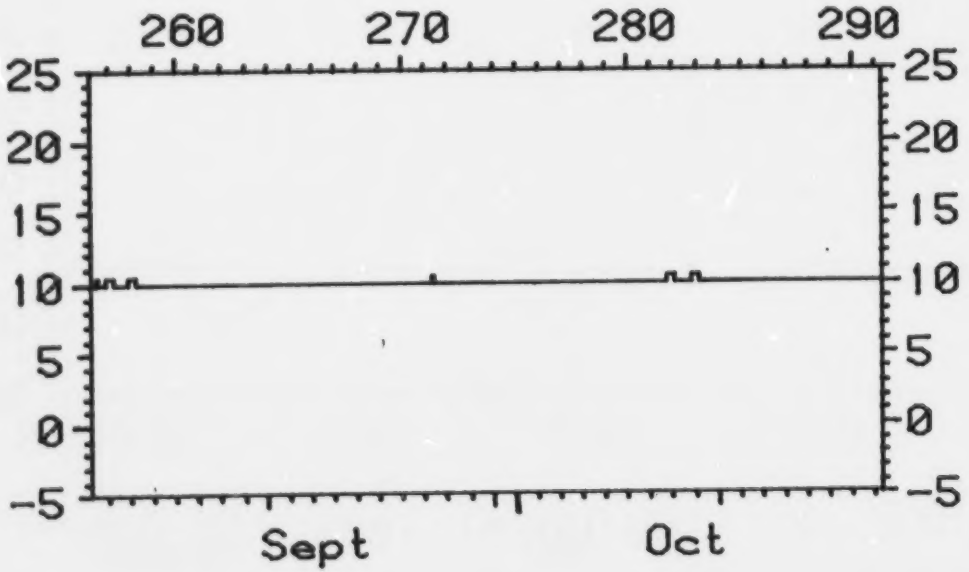


Instrument : 61444

LURCHER SHOAL N.S. (Page 3)

Pos. : 43.86, 66.5 Depth : 36 meters

Sept 12, 1980 6:30 GMT to Oct 17, 1980 6:30 GMT

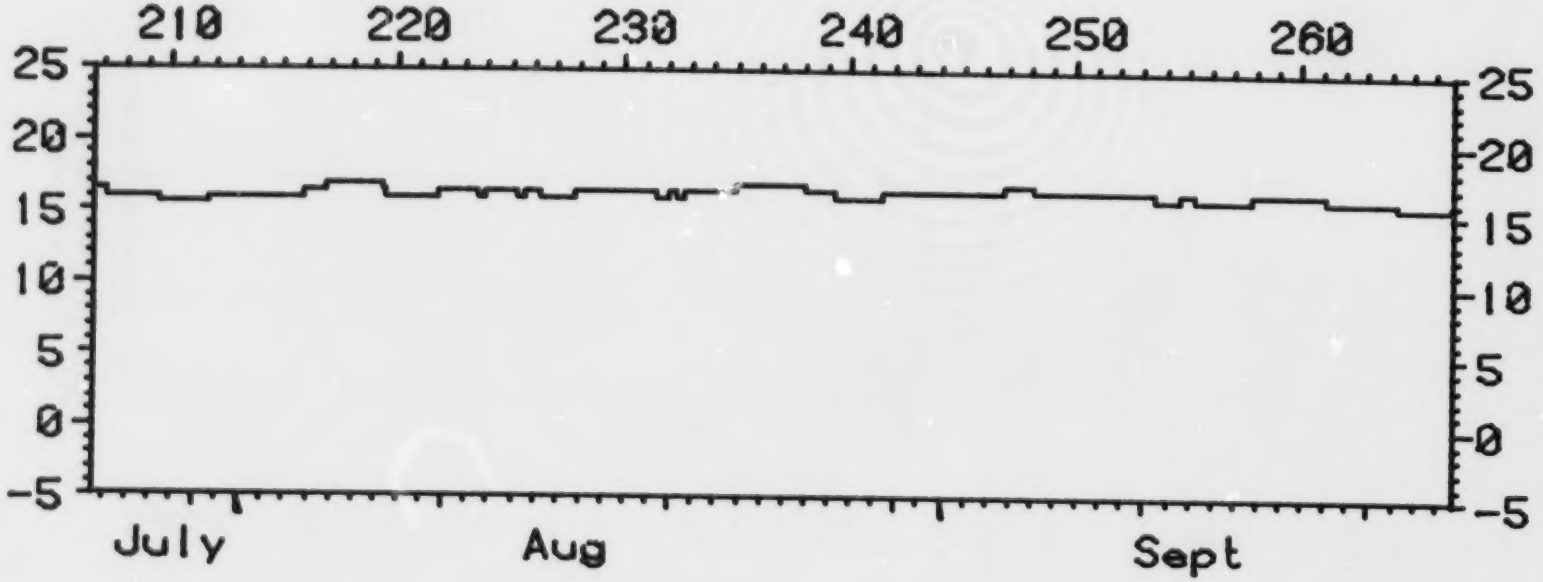


Instrument : 61444

GANNET ROCK N.S. (Page 1)

Pos. : 43.65, 66.14 Depth : 22 meters

July 25, 1981 15:00 GMT to Sept 23, 1981 19:00 GMT



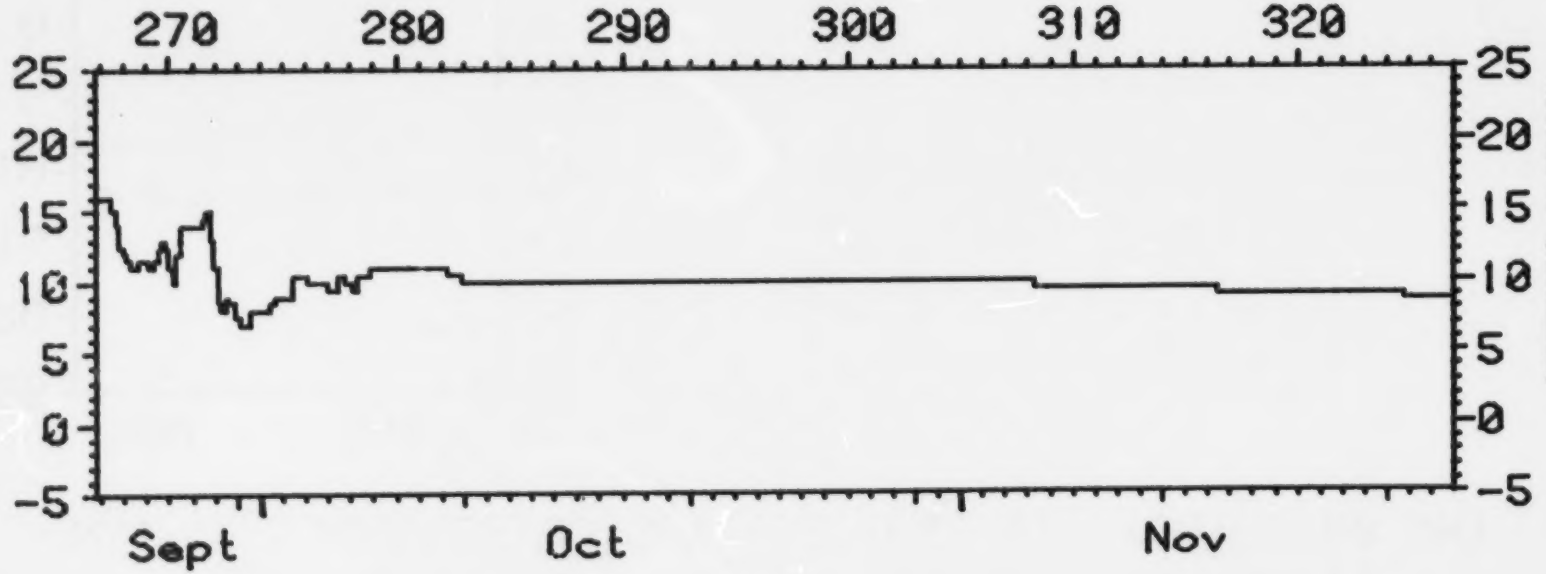
Instrument : 61633

Station 9c

GANNET ROCK N.S. (Page 2)

Pos. : 43.65, 66.14 Depth : 22 meters

Sept 23, 1981 19:00 GMT to Nov 22, 1981 23:00 GMT



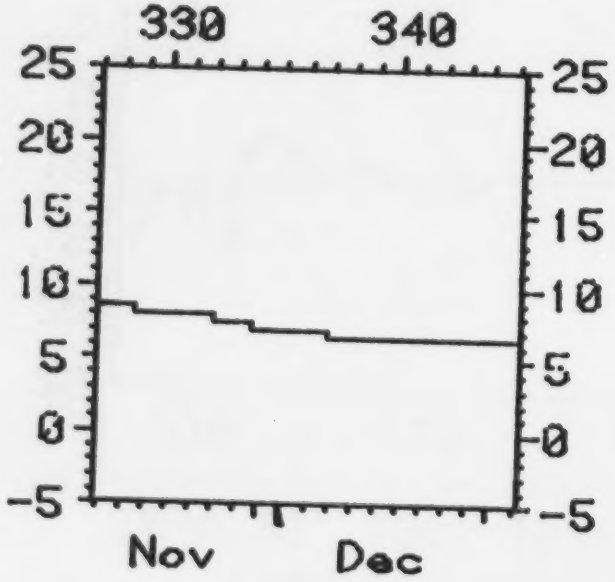
Instrument : 61633

GANNET ROCK N.S.

(Page 3)

Pos. : 43.65, 66.14 Depth : 22 meters

Nov 22, 1981 23:00 GMT to Dec 11, 1981 7:00 GMT

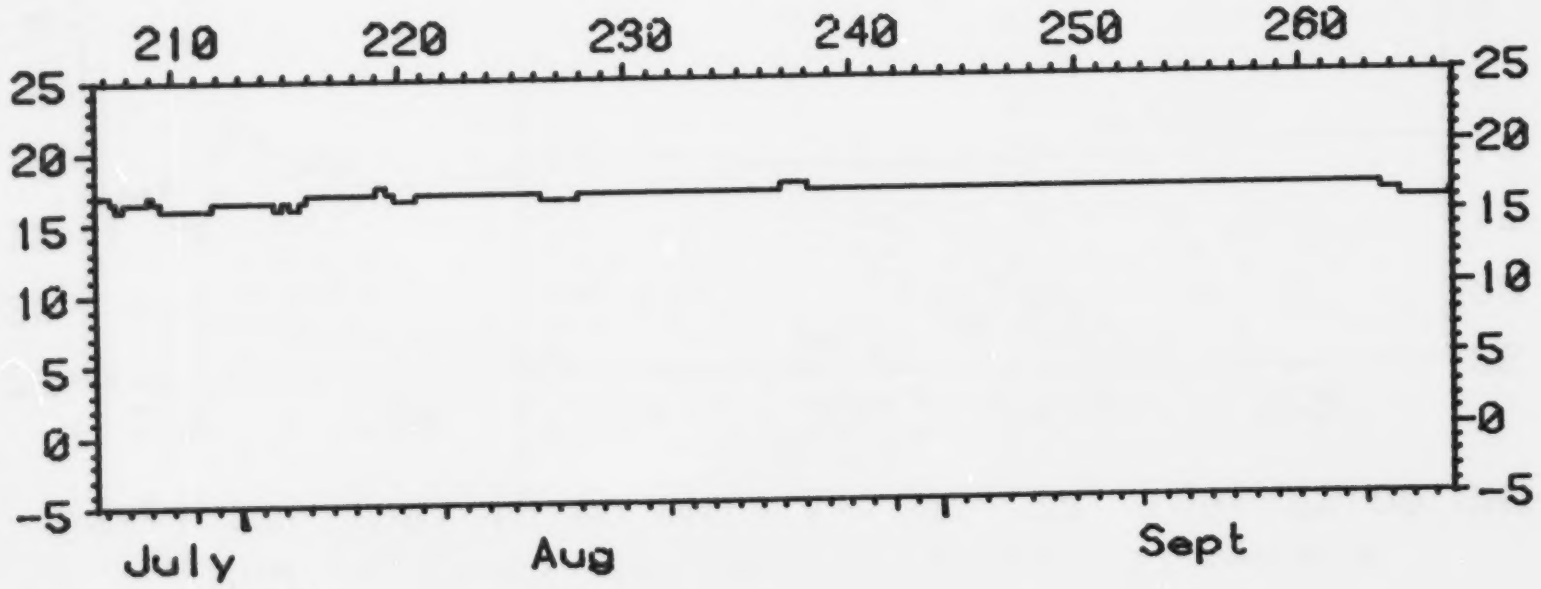


Instrument : 61633

GANNET ROCK N.S. (Page 1)

Pos. : 43.65, 66.14 Depth : 11 meters

July 25, 1981 15:00 GMT to Sept 23, 1981 19:00 GMT



Instrument : 61631

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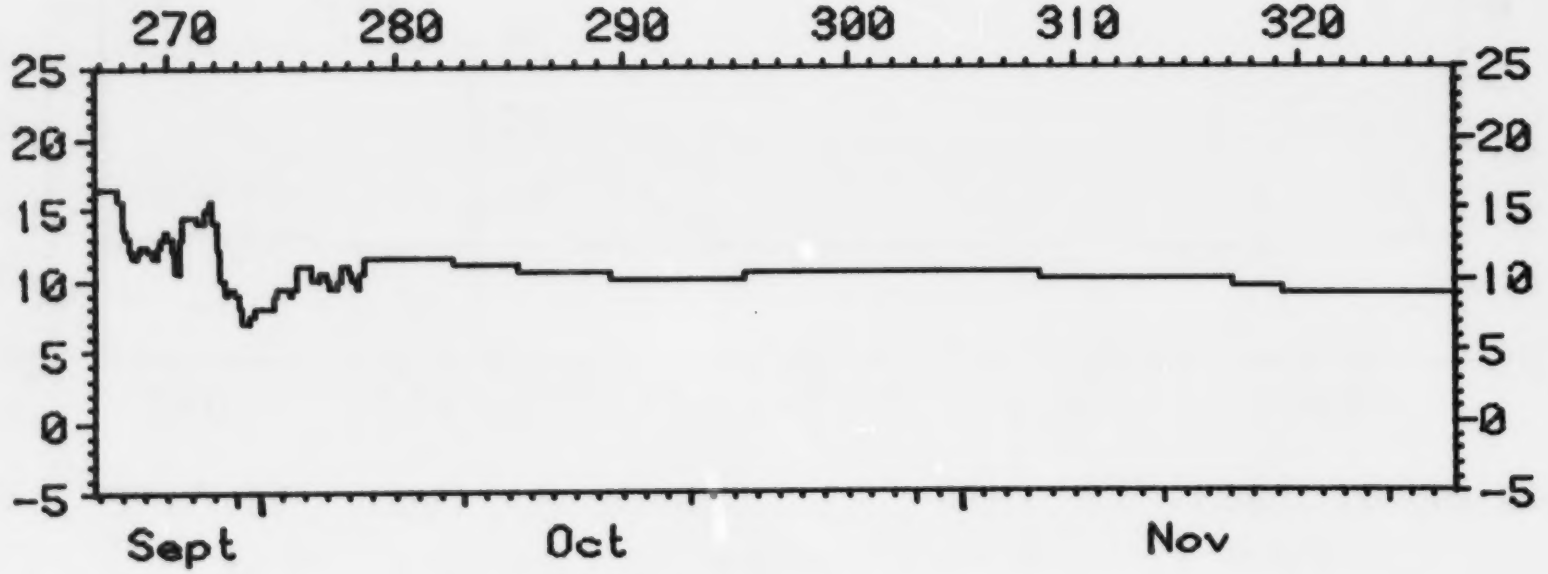
Station 9d

GANNET ROCK N.S. (Page 2)

Pos. : 43.65, 66.14 Depth : 11 meters

Sept 23, 1981 19:00 GMT to Nov 22, 1981 23:00 GMT

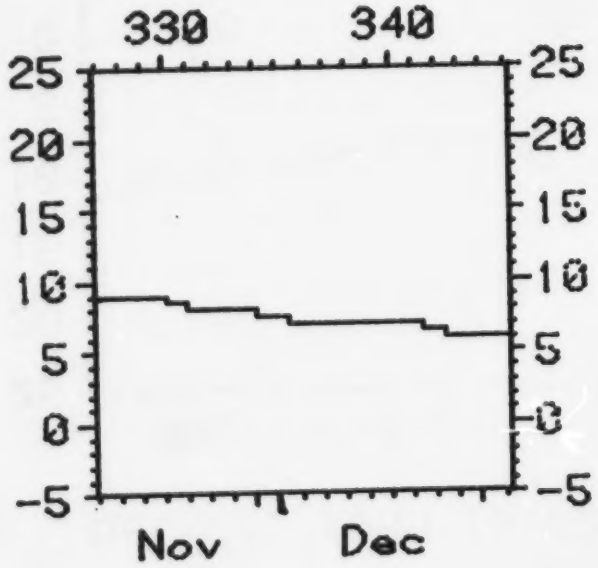


Instrument : 61631

GANNET ROCK N.S. (Page 3)

Pos. : 43.65, 66.14 Depth : 11 meters

Nov 22, 1981 23:00 GMT to Dec 11, 1981 7:00 GMT

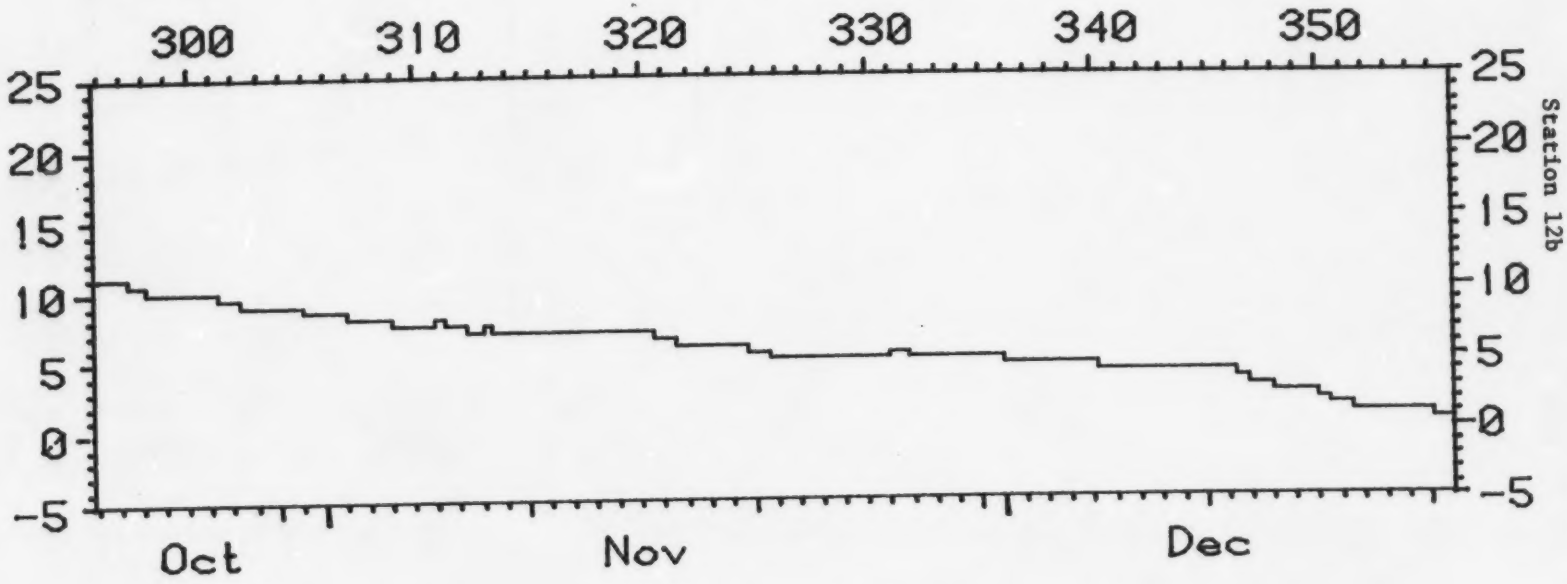


Instrument : 61631

SCHOOL POINT LOBSTER BAY N.S. (Page 1)

Pos. : 43.71, 65.83 Depth : 8 meters

Oct 21, 1980 19:52 GMT to Dec 20, 1980 23:52 GMT

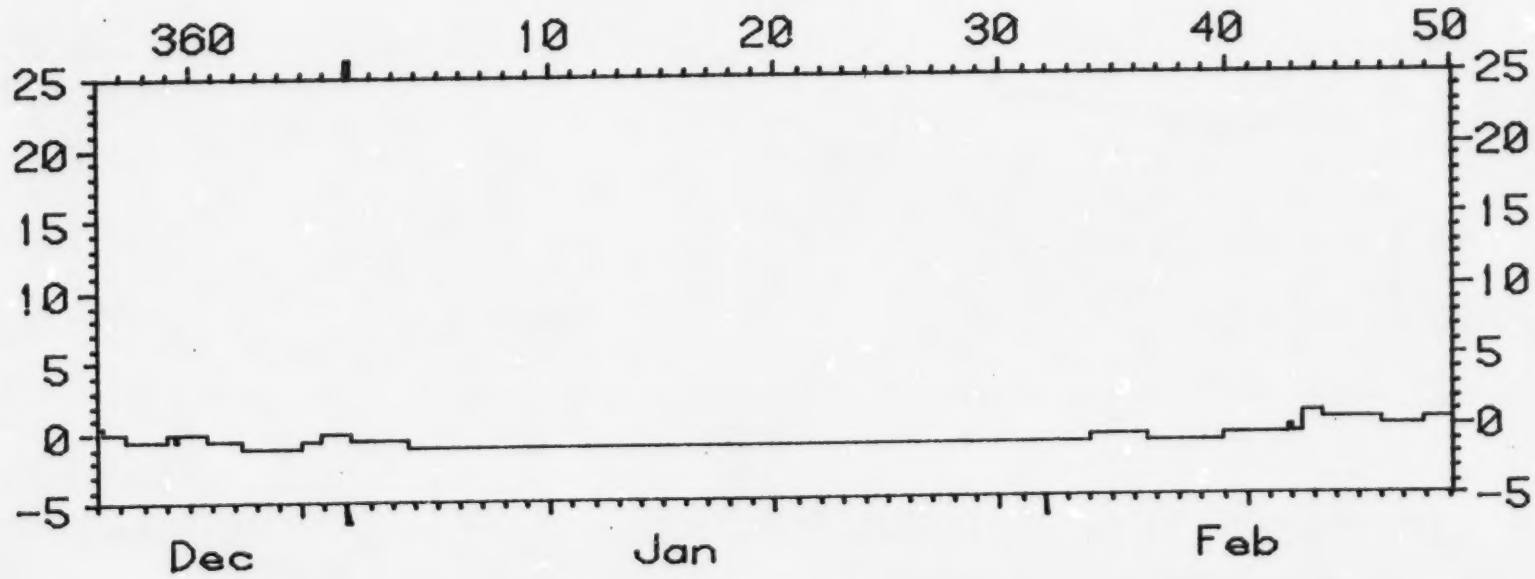


Instrument : 61676

SCHOOL POINT LOBSTER BAY N.S. (Page 2)

Pos. : 43.71, 65.83 Depth : 8 meters

Dec 20, 1980 23:52 GMT to Feb 19, 1981 3:52 GMT

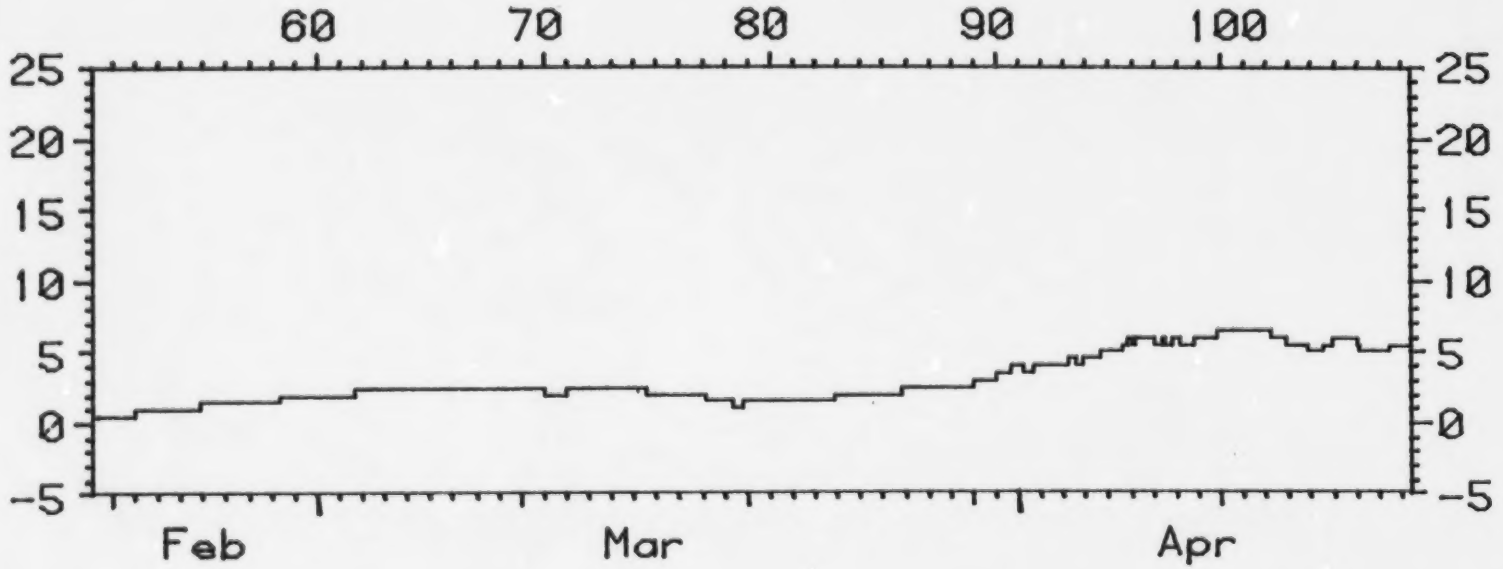


Instrument : 61676

SCHOOL POINT LOBSTER BAY N.S. (Page 3)

Pos. : 43.71, 65.83 Depth : 8 meters

Feb 19, 1981 3:52 GMT to Apr 18, 1981 11:52 GMT

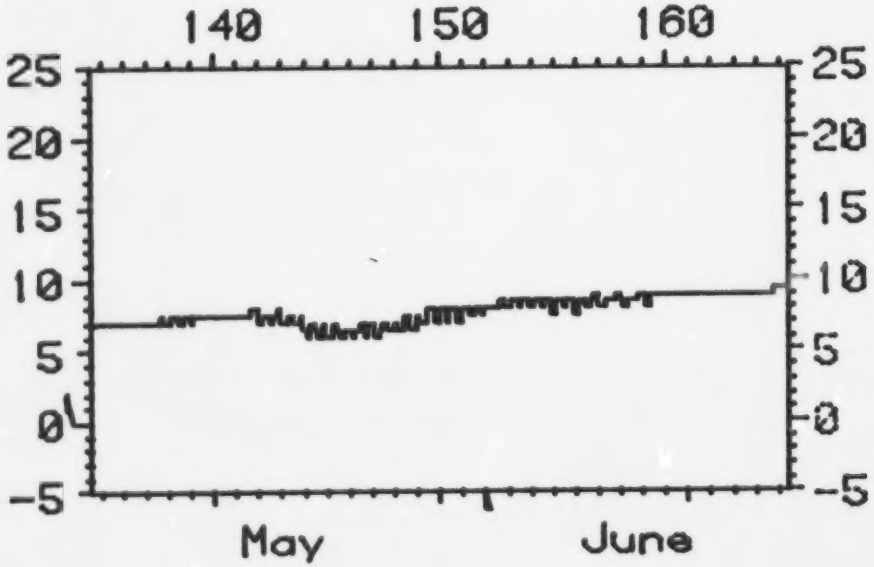


Instrument : 61676

MUD ISLAND N.S.

Pos. : 43.48, 65.93 Depth : 24 meters

May 14, 1981 15:00 GMT to June 14, 1981 11:00 GMT



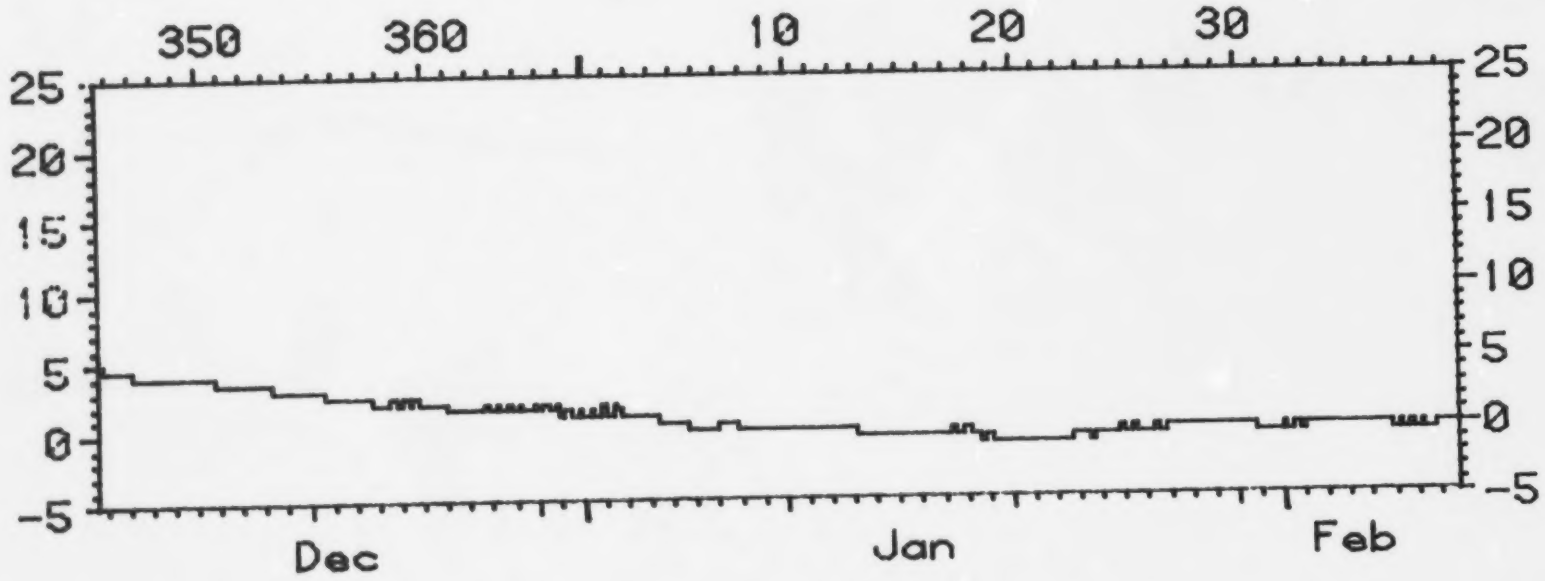
Instrument : 61689

Station 13b

PUBNICO N.S. *

Pos. : 43.6, 65.8 Depth : 28 meters

Dec 10, 1980 15:00 GMT to Feb 8, 1981 19:00 GMT



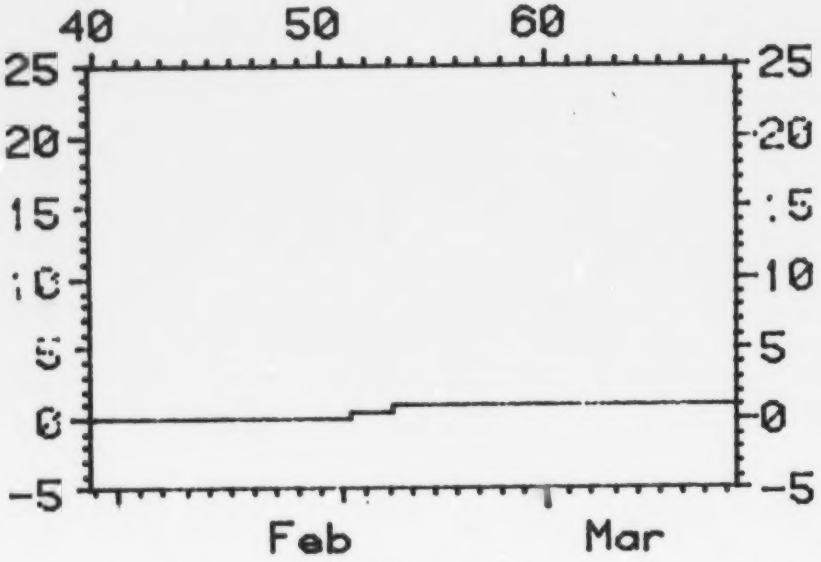
Instrument : 61033

Station 14

PUBNICO N.S. *

Pos. : 43.6, 65.8 Depth : 28 meters

Feb 8, 1981 19:00 GMT to Mar 9, 1981 11:00 GMT

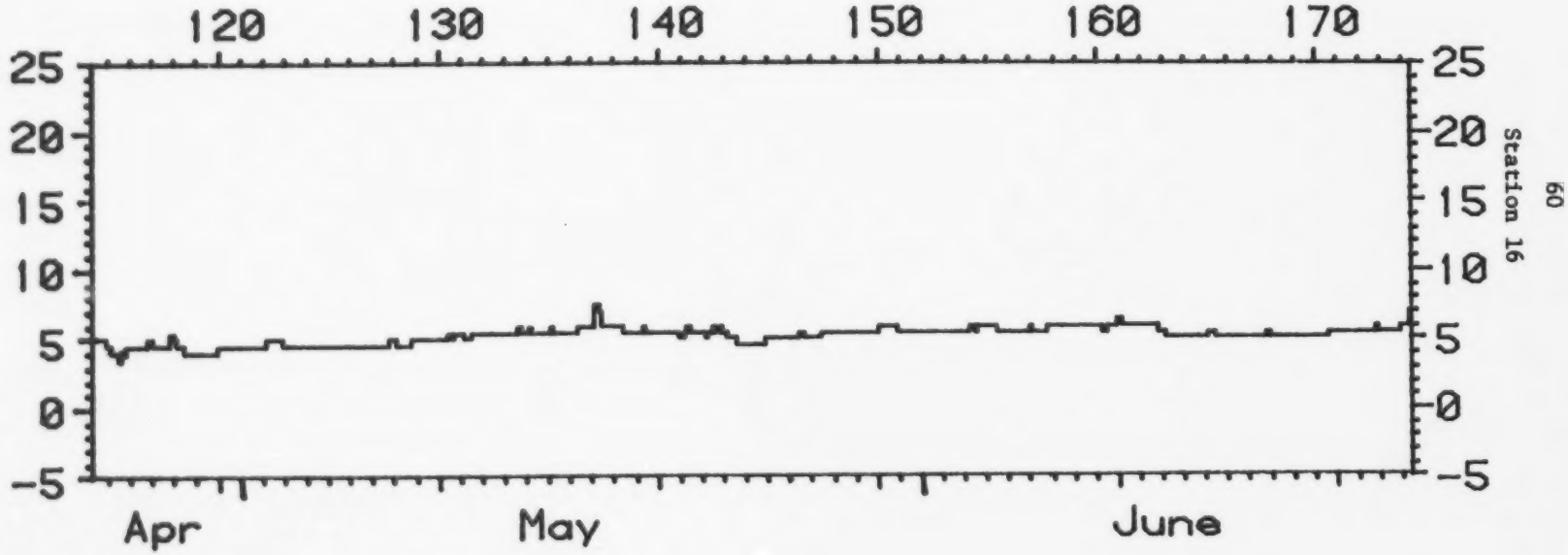


Instrument : 61033

CAPE SABLE N.S. (Page 1)

Pos. : 43.36, 65.63 Depth : 24 meters

Apr 24, 1981 6:00 GMT to June 23, 1981 10:00 GMT

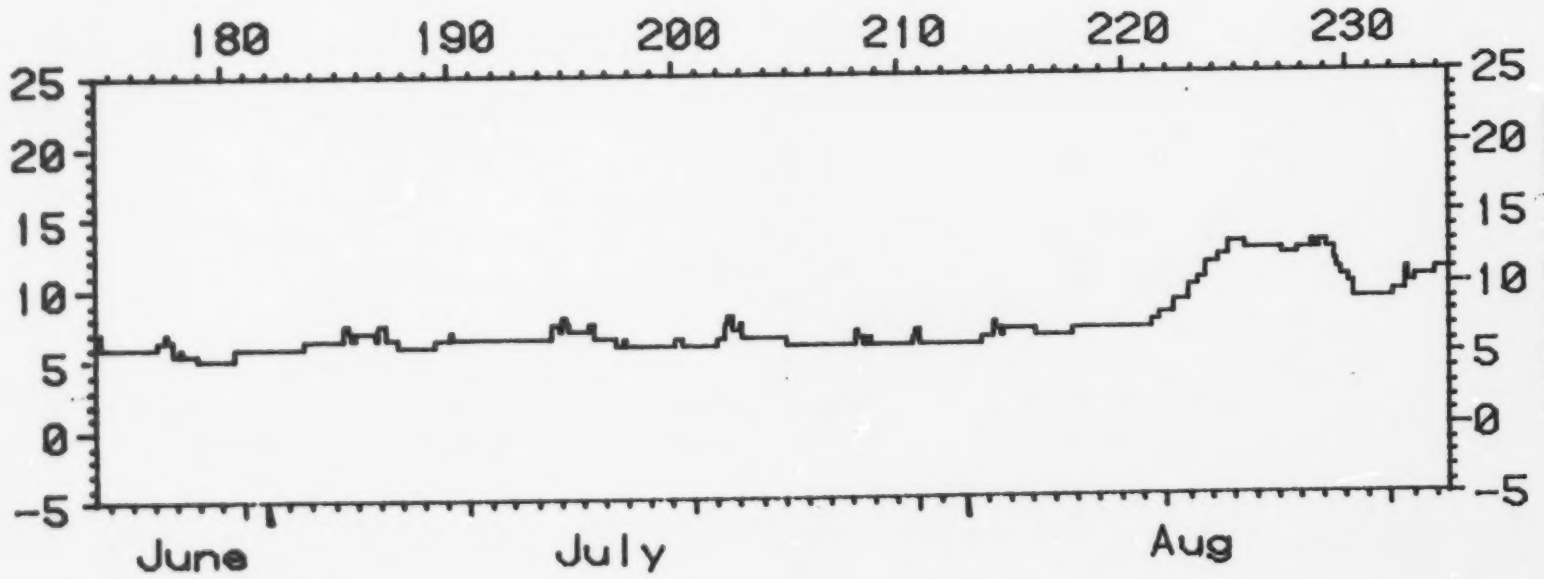


Instrument : 61454

CAPE SABLE N.S. (Page 2)

Pos. : 43.36, 65.63 Depth : 24 meters

June 23, 1981 10:00 GMT to Aug 22, 1981 14:00 GMT

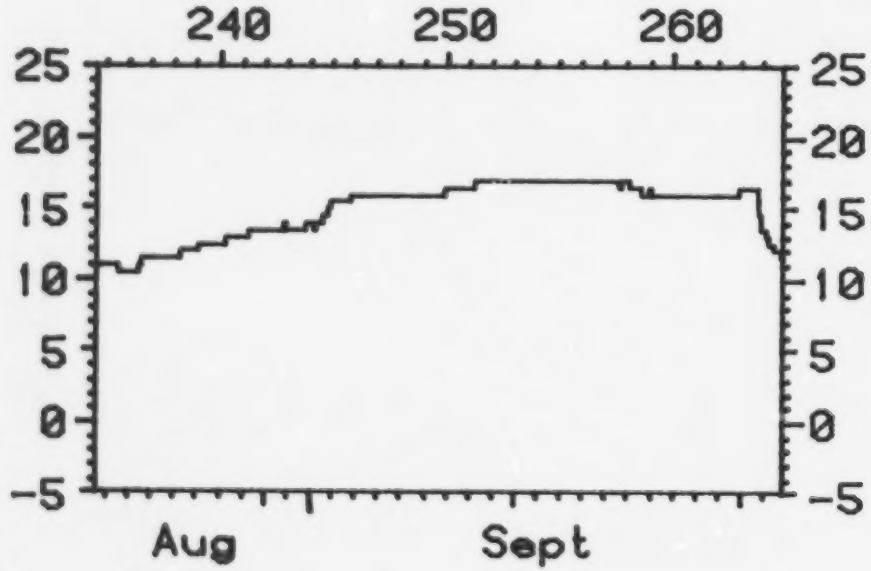


Instrument : 61454

CAPE SABLE N.S. (Page 3)

Pos. : 43.36, 65.63 Depth : 24 meters

Aug 22, 1981 14:00 GMT to Sept 21, 1981 22:00 GMT

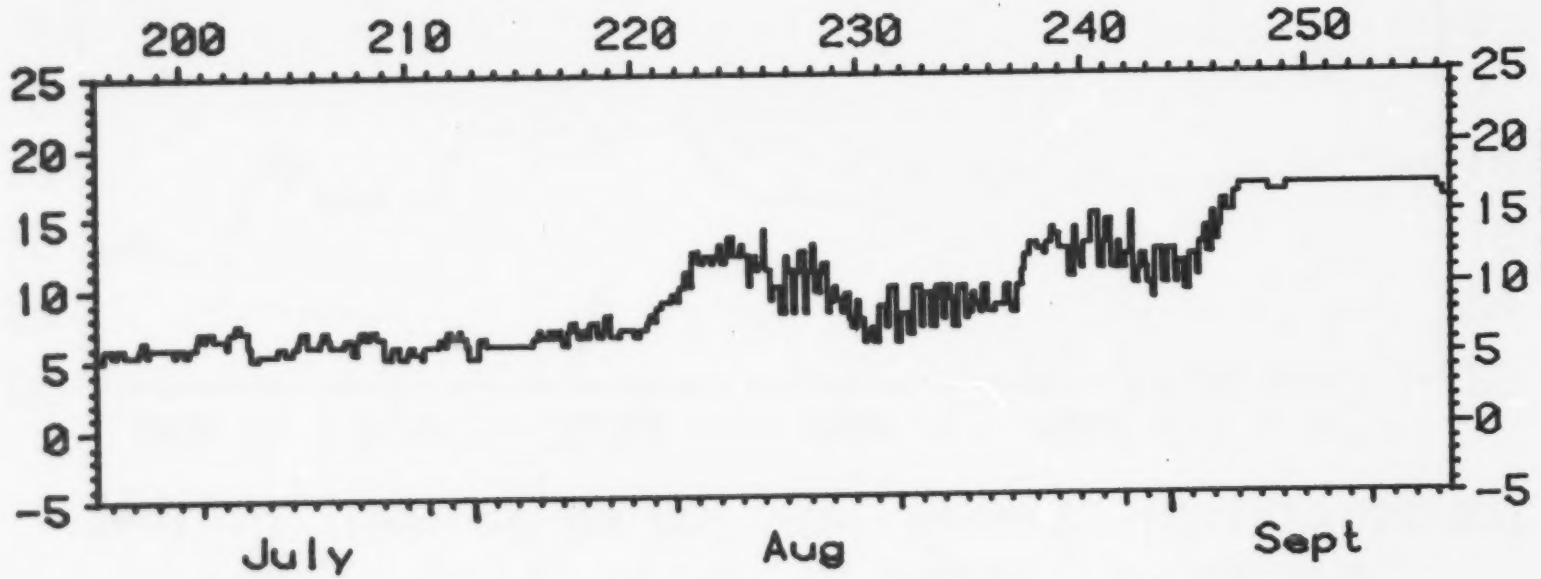


Instrument : 61454

PORT LATOUR N.S. (Page 1)

Pos. : 43.49, 65.43 Depth : 12 meters

July 15, 1981 8:00 GMT to Sept 13, 1981 12:00 GMT

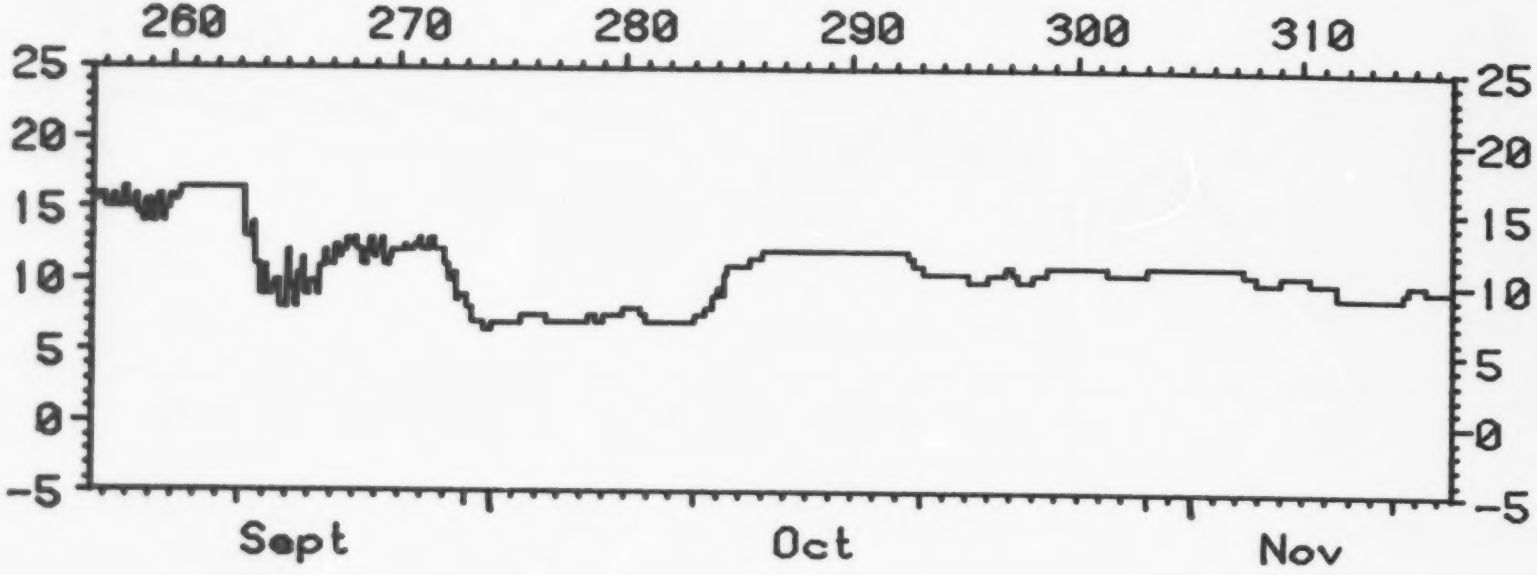


Instrument : 61639

PORT LATOUR N.S. (Page 2)

Pos. : 43.49, 65.43 Depth : 12 meters

Sept 13, 1981 12:00 GMT to Nov 12, 1981 16:00 GMT

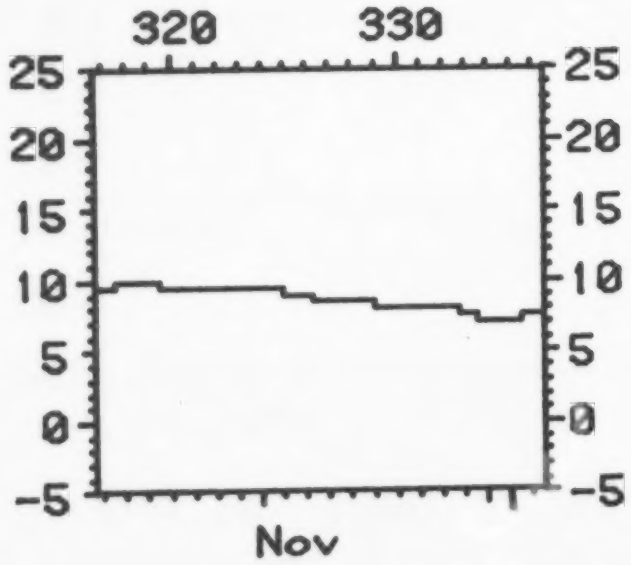


Instrument : 61639

PORT LATOUR N.S. (Page 3)

Pos. : 43.49, 65.43 Depth : 12 meters

Nov 12, 1981 16:00 GMT to Dec 2, 1981 12:00 GMT

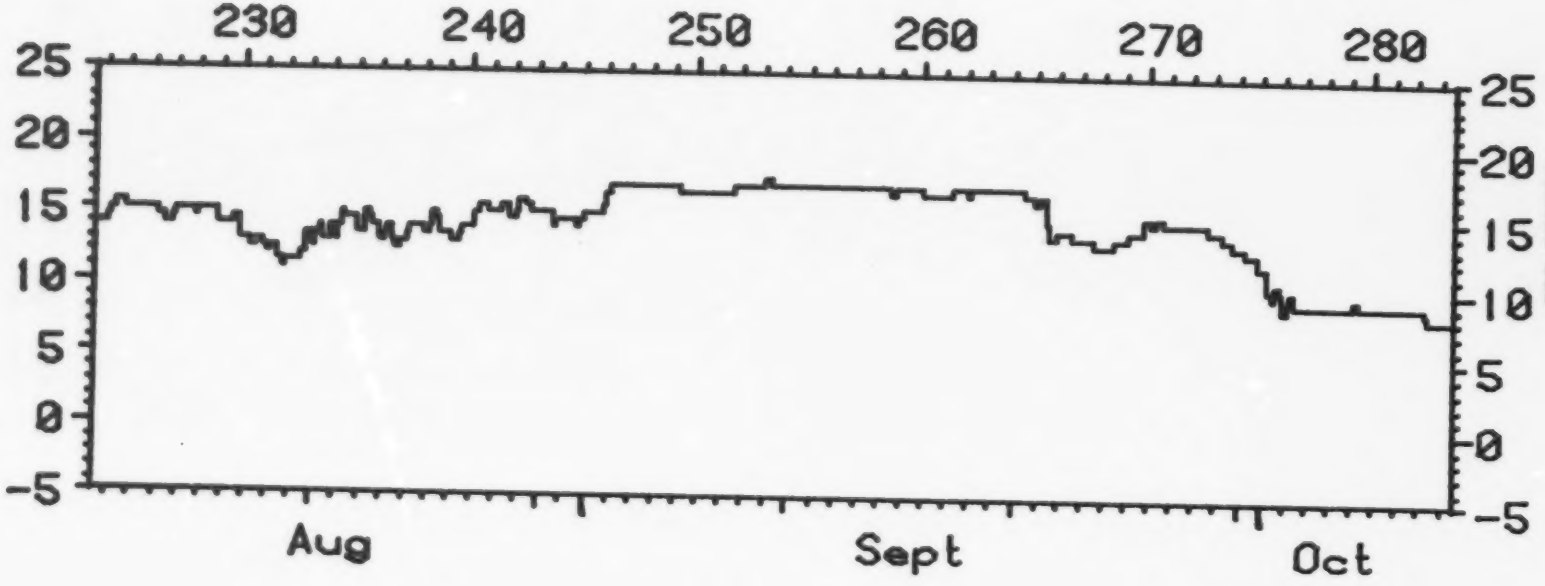


Instrument : 61639

INGOMAR N.S. (Page 1)

Pos. : 43.53, 65.31 Depth : 40 meters

Aug 10, 1980 10:30 GMT to Oct 9, 1980 14:30 GMT

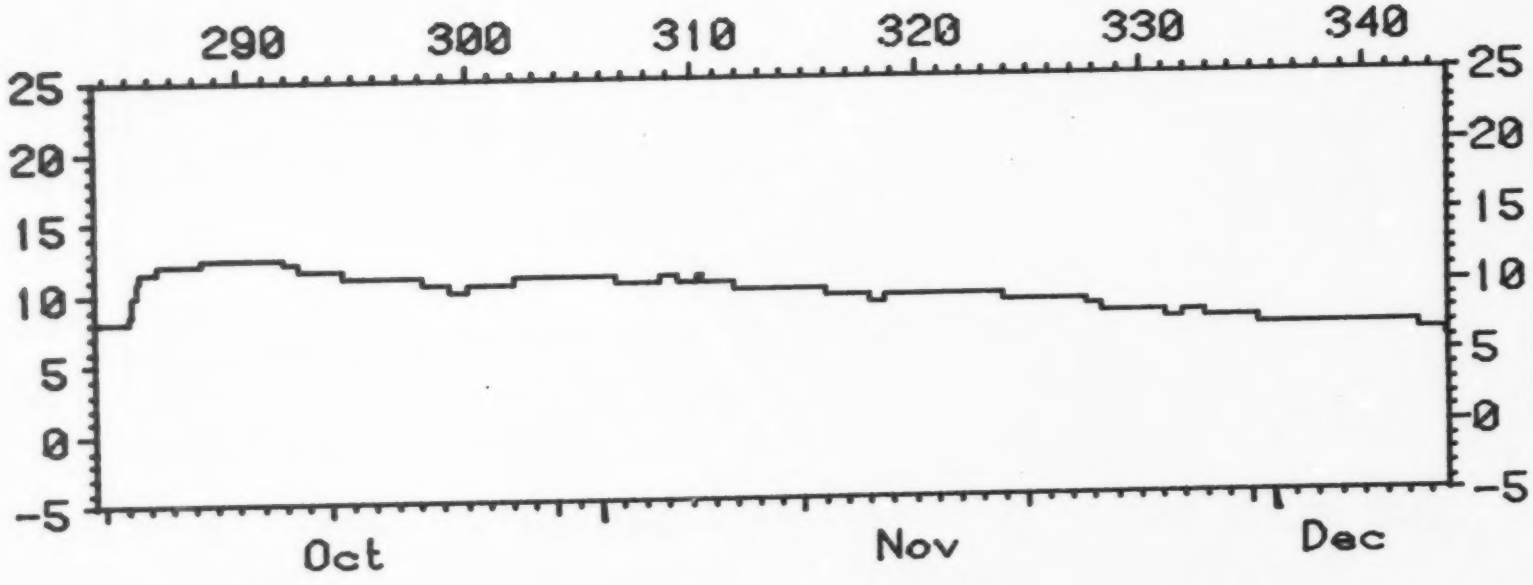


Instrument : 61618

INGOMAR N.S. (Page 2)

Pos. : 43.53, 65.31 Depth : 40 meters

Oct 9, 1980 14:30 GMT to Dec 8, 1980 18:30 GMT

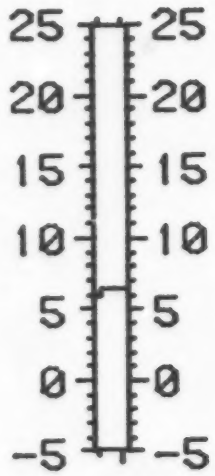


Instrument : 61618

INGOMAR N.S. (Page 3)

Pos. : 43.53, 65.31 Depth : 40 meters

Dec 8, 1980 18:30 GMT to Dec 10, 1980 6:30 GMT

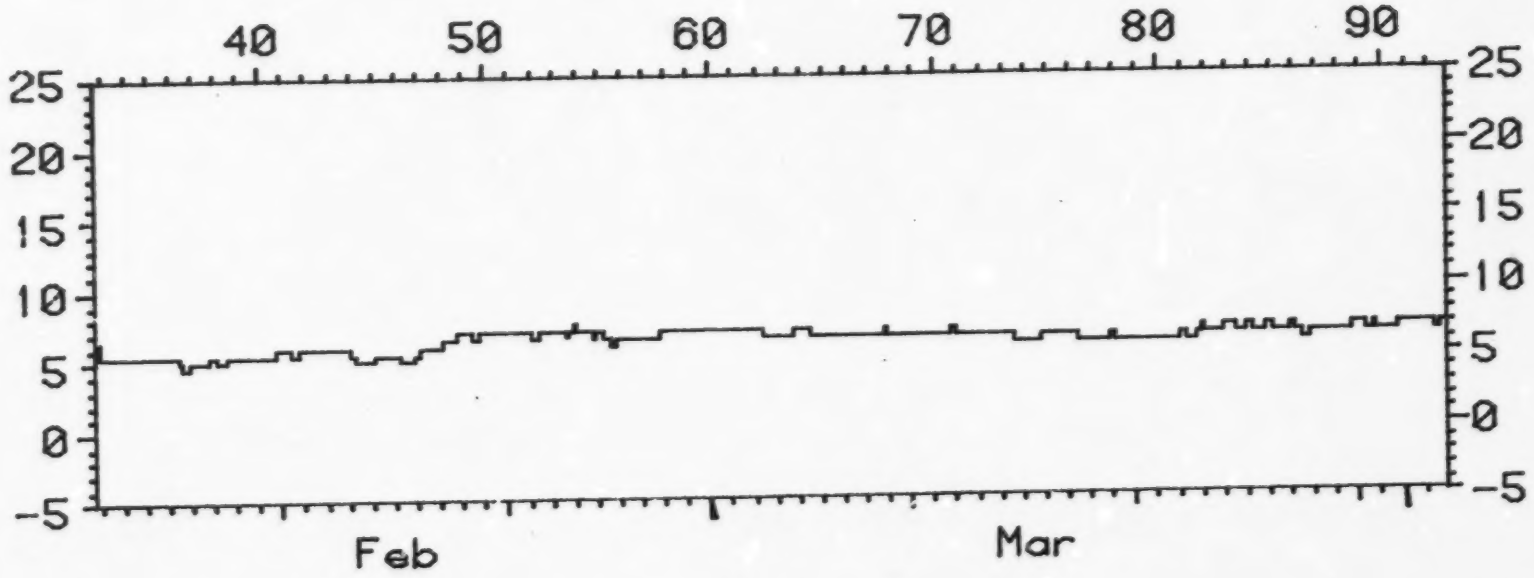


Instrument : 61618

INGOMAR N.S. (Page 1)

Pos. : 43.53, 65.31 Depth : 22 meters

Feb 1, 1981 18:00 GMT to Apr 2, 1981 22:00 GMT



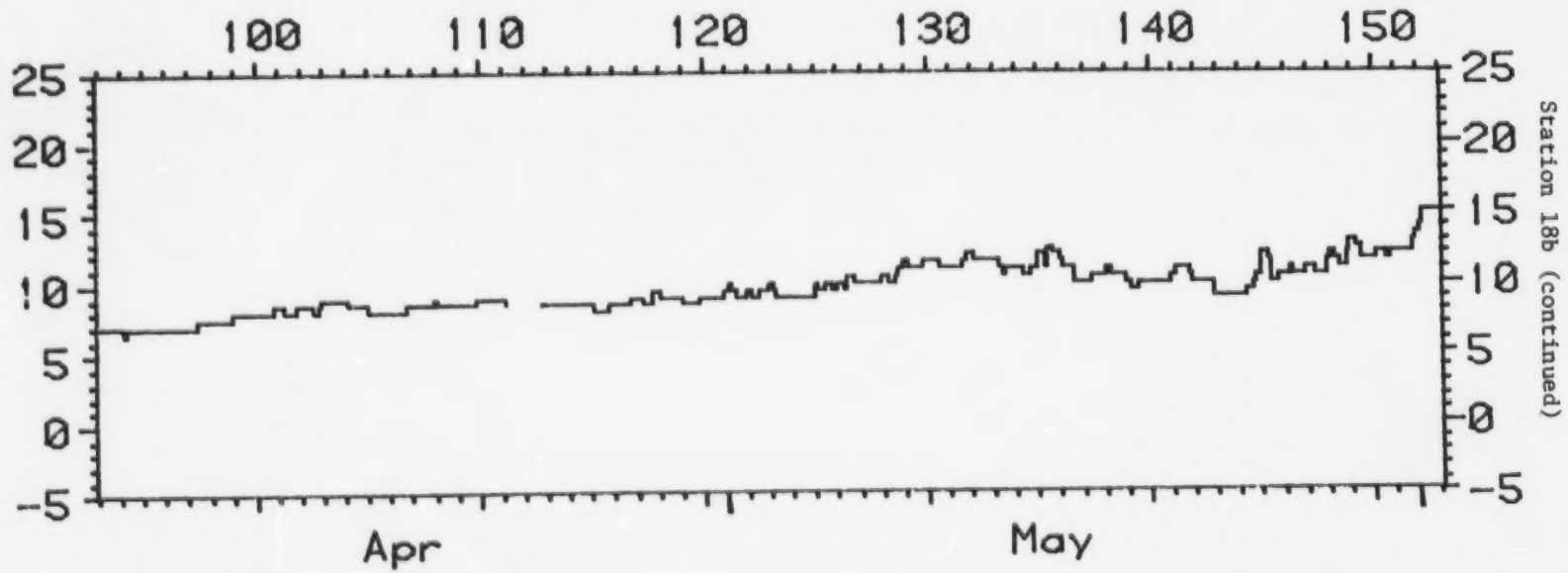
Instrument : 61673

Gap in data in April due to mooring inspection

INGOMAR N.S. (Page 2)

Pos. : 43.53, 65.31 Depth : 22 meters

Apr 2, 1981 22:00 GMT to June 2, 1981 2:00 GMT



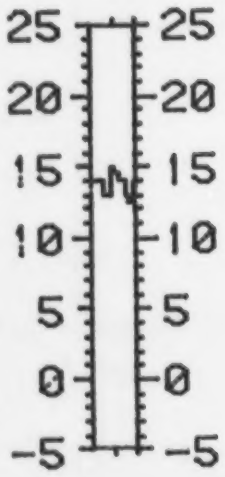
Instrument : 61673

Gap in data in April due to mooring inspection

INGOMAR N.S. (Page 3)

Pos. : 43.53, 65.31 Depth : 22 meters

June 2, 1981 2:00 GMT to June 4, 1981 2:00 GMT



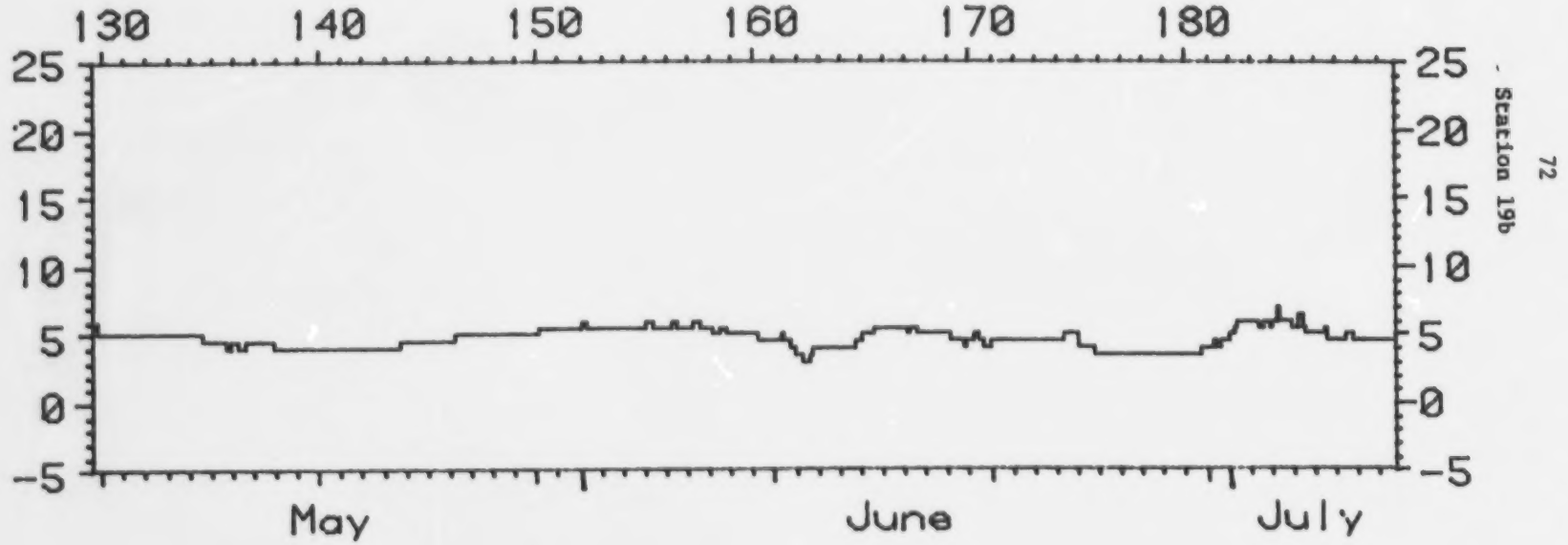
Instrument : 61673

Gap in data in April due to mooring inspection

LOCKEPORT N.S. (Page 1)

Pos. : 43.64, 65.12 Depth : 17 meters

May 9, 1981 13:30 GMT to July 8, 1981 17:30 GMT

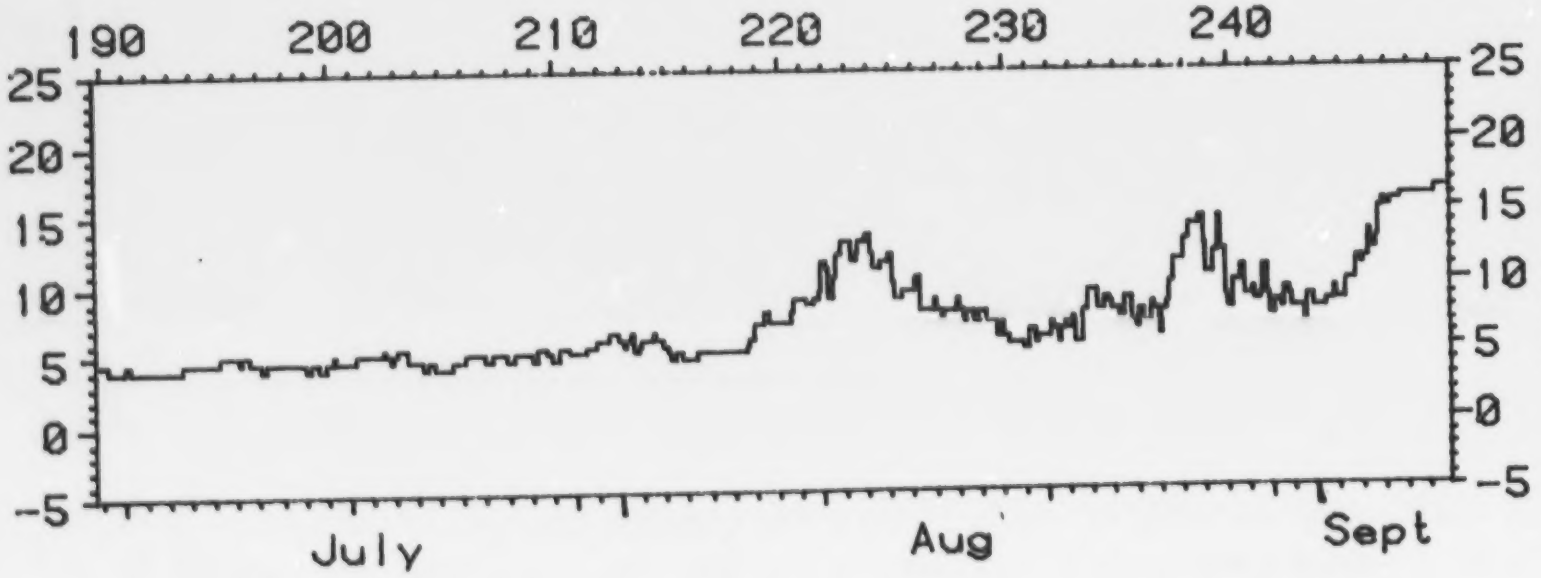


Instrument : 61616

LOCKEPORT N.S. (Page 2)

Pos. : 43.64, 65.12 Depth : 17 meters

July 8, 1981 17:30 GMT to Sept 6, 1981 21:30 GMT

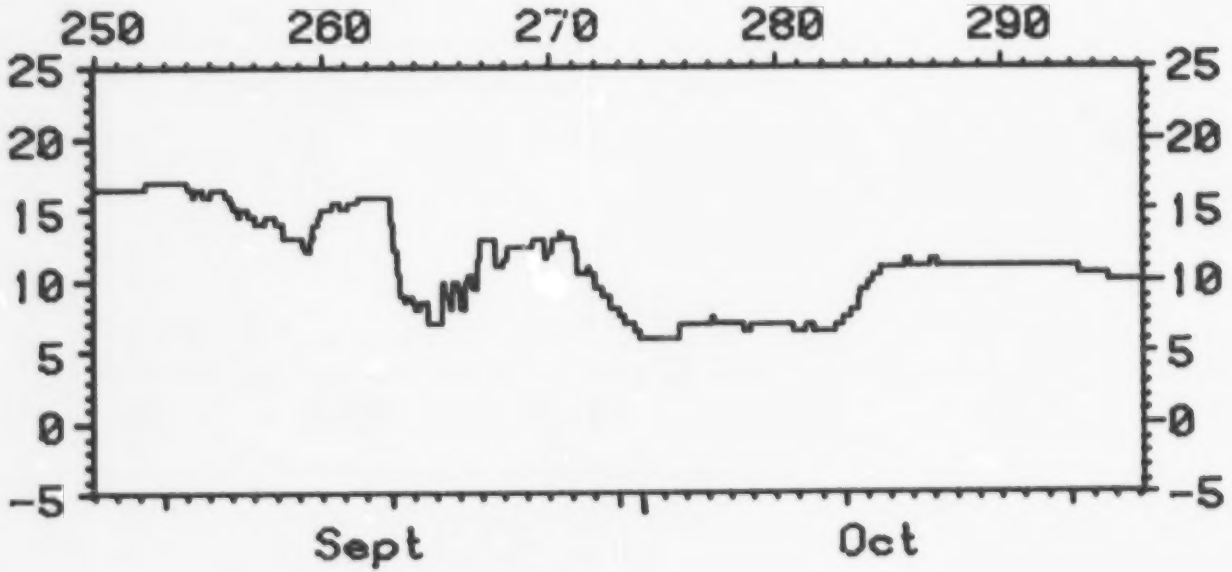


Instrument : 61616

LOCKEPORT N.S. (Page 3)

Pos. : 43.64, 65.12 Depth : 17 meters

Sept 6, 1981 21:30 GMT to Oct 23, 1981 5:30 GMT

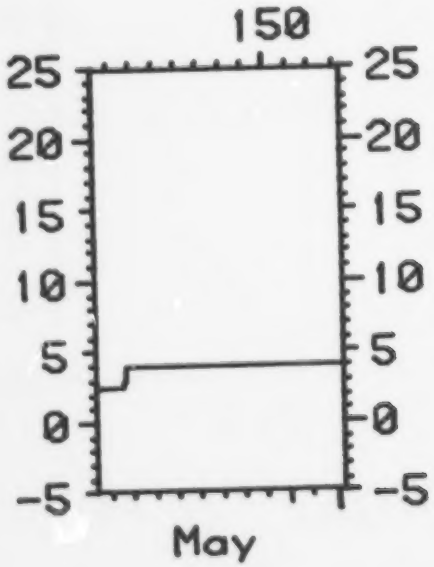


Instrument : 61616

PORT MOUTON N.S. *

Pos. : 43.9, 64.85

May 21, 1980 10:00 GMT to June 1, 1980 10:00 GMT

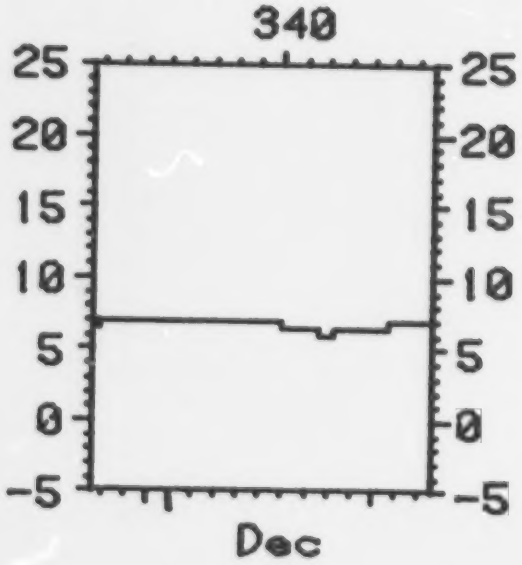


No serial number or depth recorded.

STONEHURST N.S.

Pos. : 44.37, 64.19 Depth : 11 meters

Nov 27, 1981 15:00 GMT to Dec 12, 1981 15:00 GMT

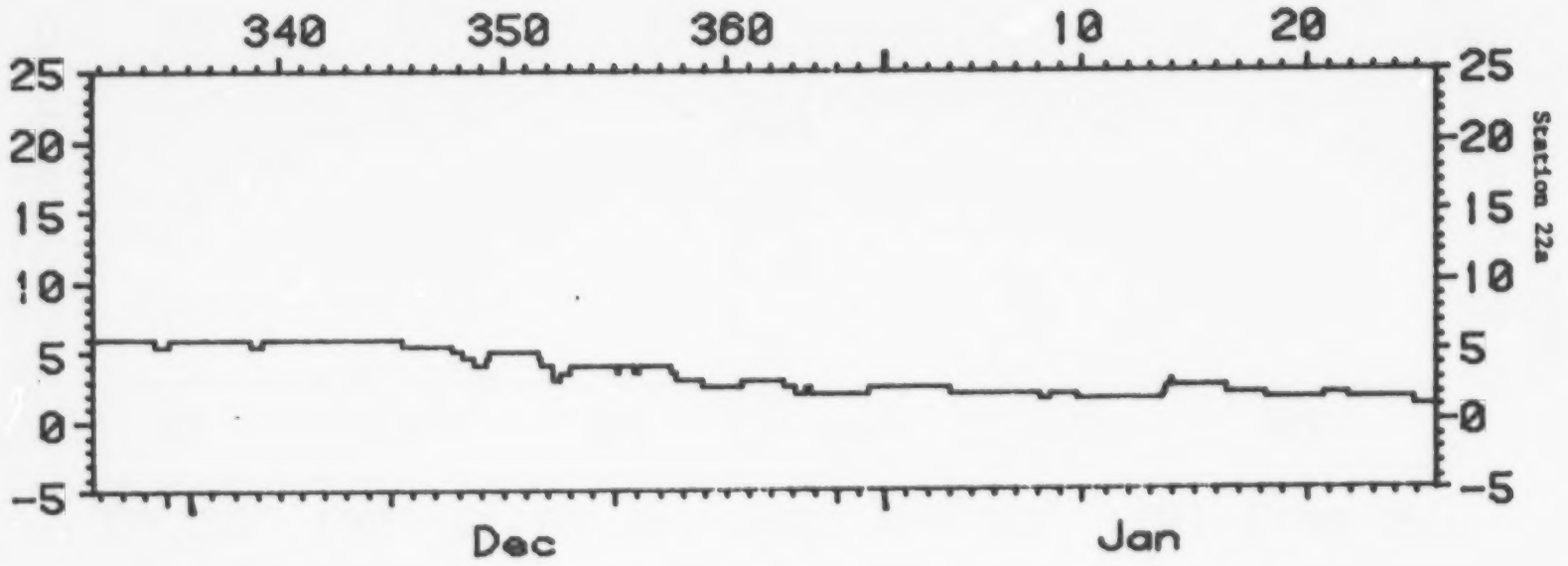


No serial number recorded.

EAST DOVER N.S. (Page 1)

Pos. : 44.5, 63.85 Depth : 7 meters

Nov 26, 1980 17:00 GMT to Jan 25, 1981 21:00 GMT

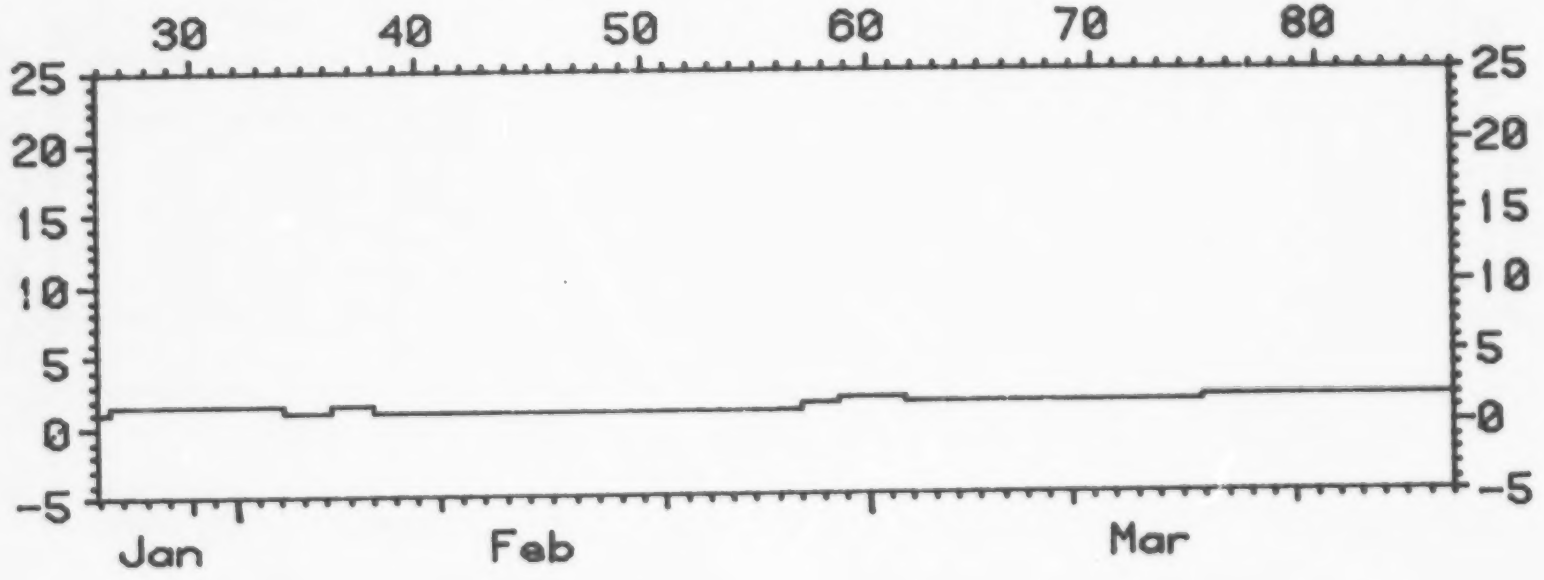


Instrument : 61644

EAST DOVER N.S. (Page 2)

Pos. : 44.5, 63.85 Depth : 7 meters

Jan 25, 1981 21:00 GMT to Mar 27, 1981 1:00 GMT

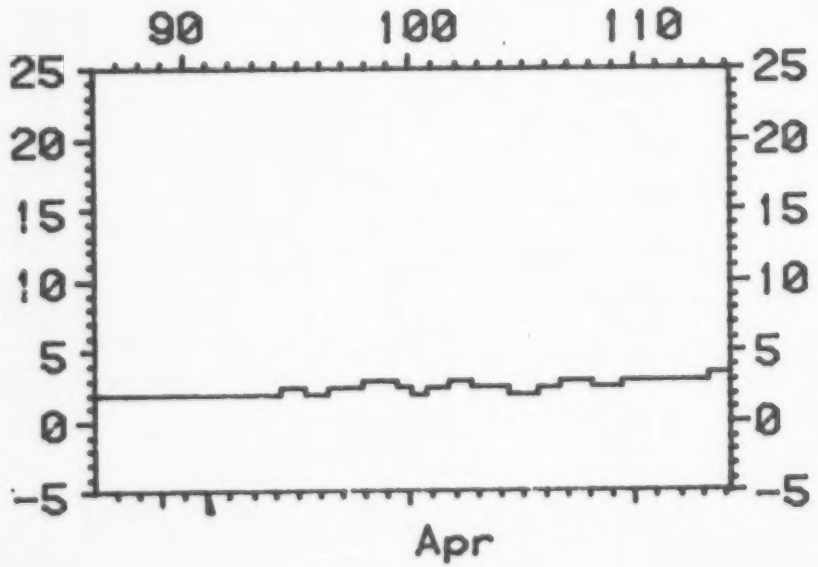


Instrument : 61644

EAST DOVER N.S. (Page 3)

Pos. : 44.5, 63.85 Depth : 7 meters

Mar 27, 1981 1:00 GMT to Apr 24, 1981 5:00 GMT

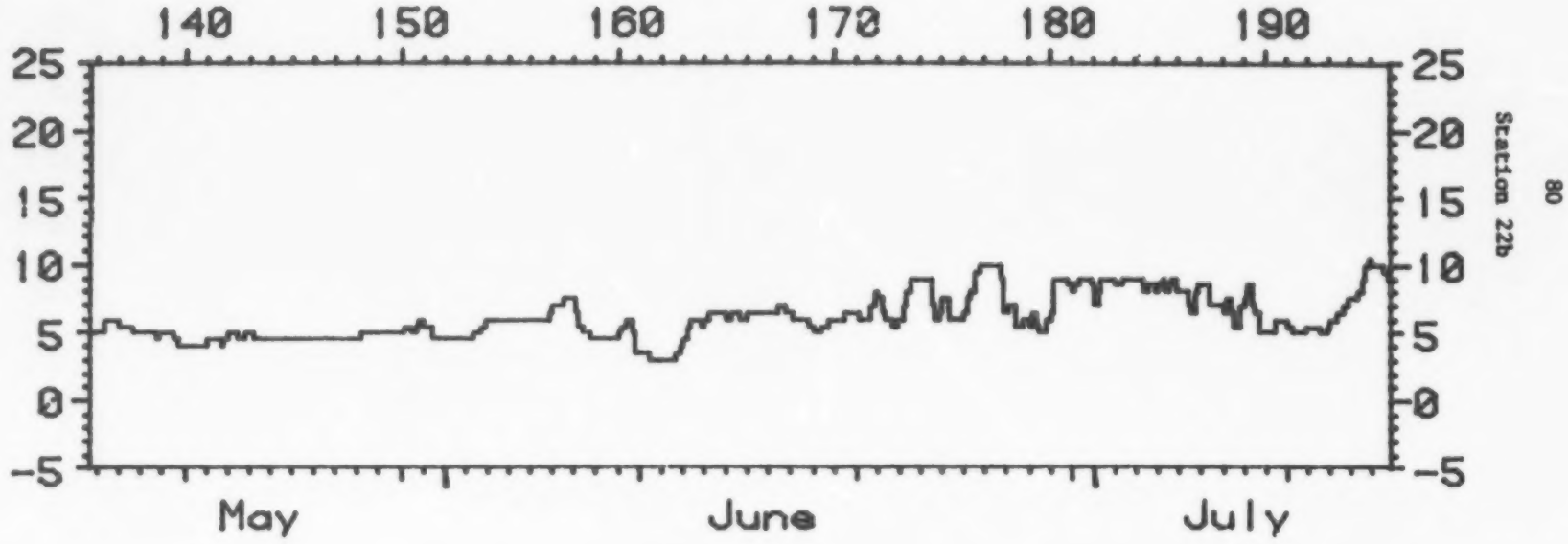


Instrument : 61644

EAST DOVER N.S. (Page 1)

Pos. : 44.5, 63.85 Depth : 7 meters

May 15, 1981 16:30 GMT to July 14, 1981 20:30 GMT

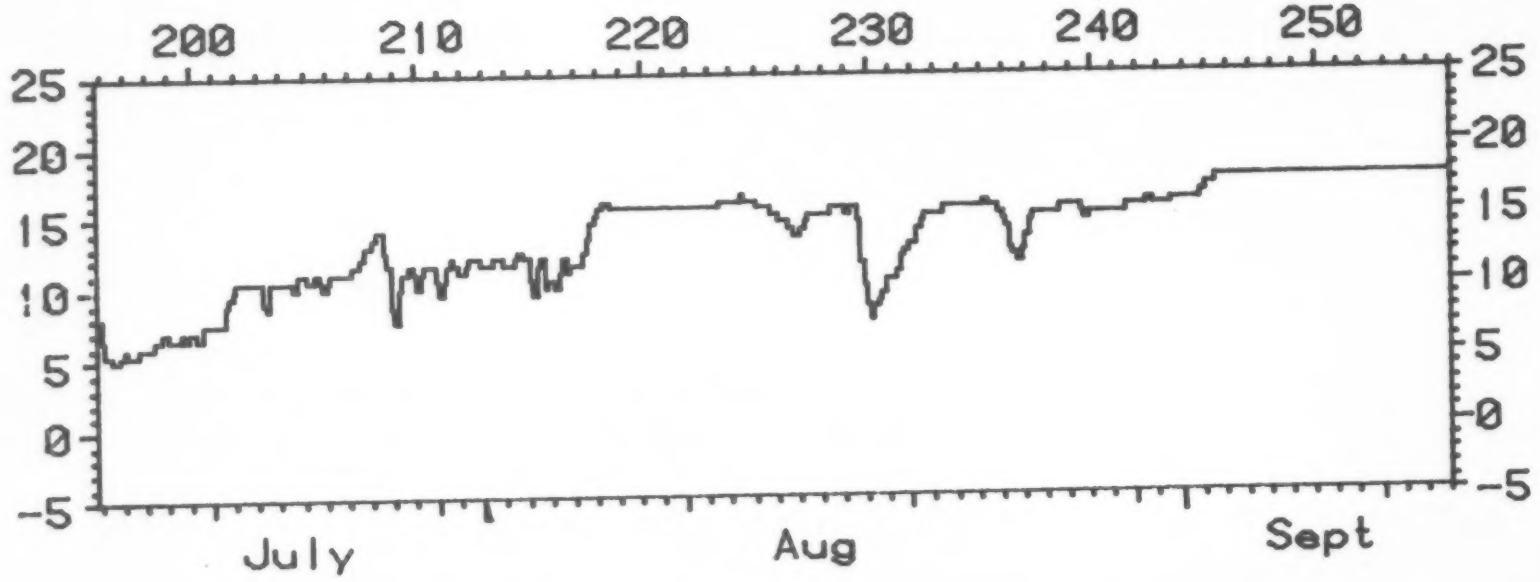


Instrument : 61683

EAST DOVER N.S. (Page 2)

Pos. : 44.5, 63.85 Depth : 7 meters

July 14, 1981 20:30 GMT to Sept 13, 1981 0:30 GMT

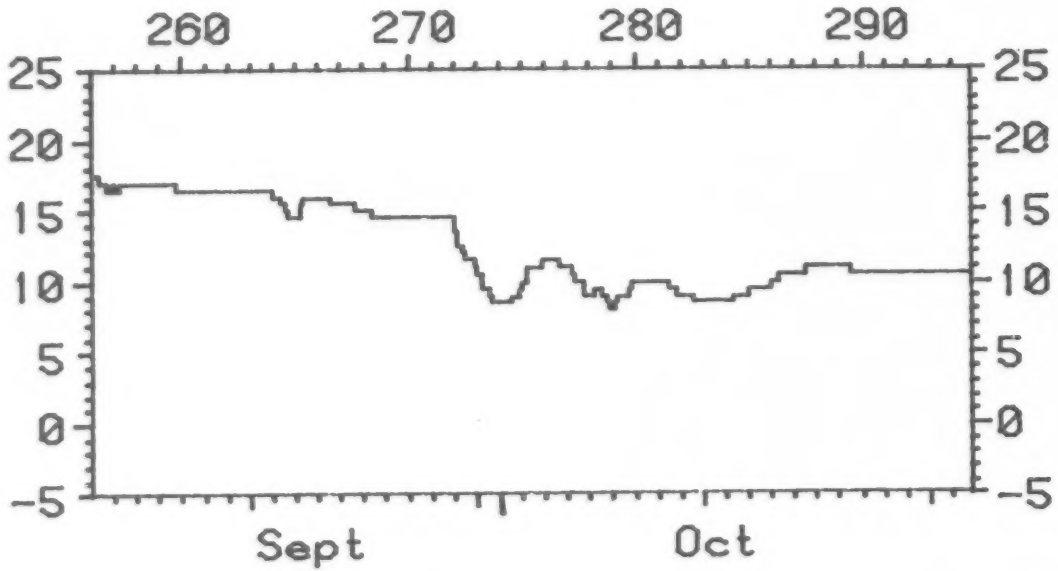


Instrument : 61683

EAST DOVER N.S. (Page 3)

Pos. : 44.5, 63.85 Depth : 7 meters

Sept 13, 1981 0:30 GMT to Oct 21, 1981 20:30 GMT

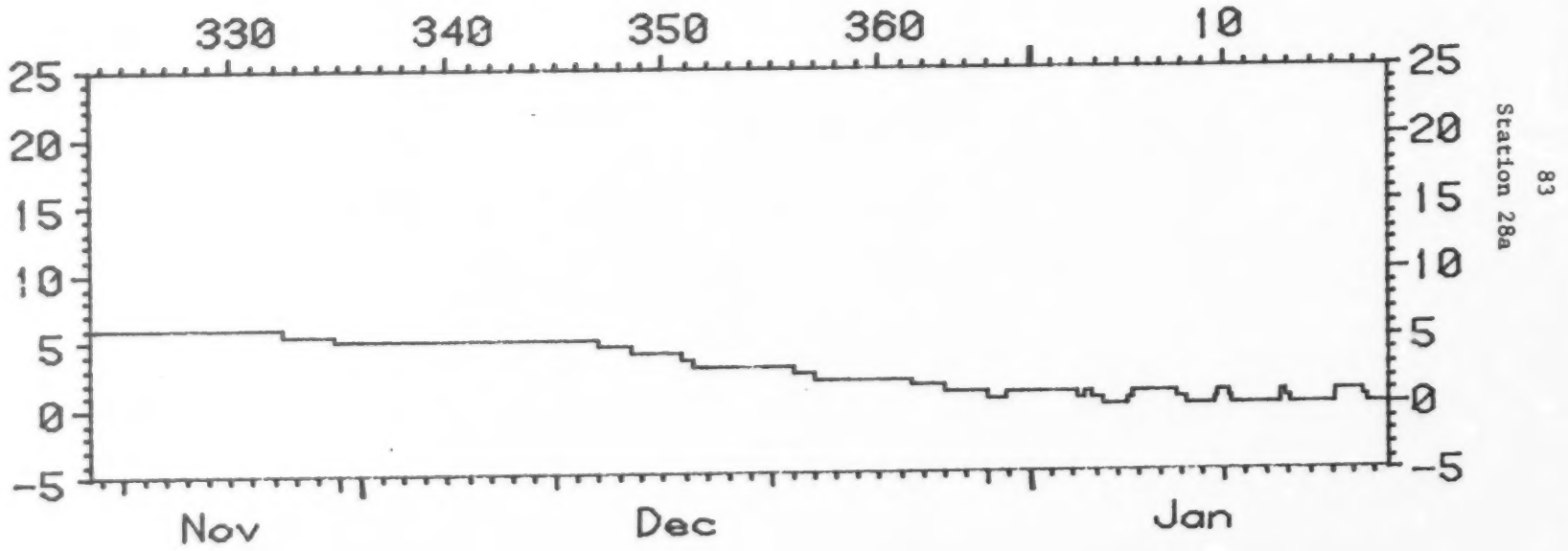


Instrument : 61683

NEW HARBOUR N.S. (Page 1)

Pos. : 45.13, 61.38 Depth : 14 meters

Nov 18, 1980 12:10 GMT to Jan 17, 1981 16:10 GMT

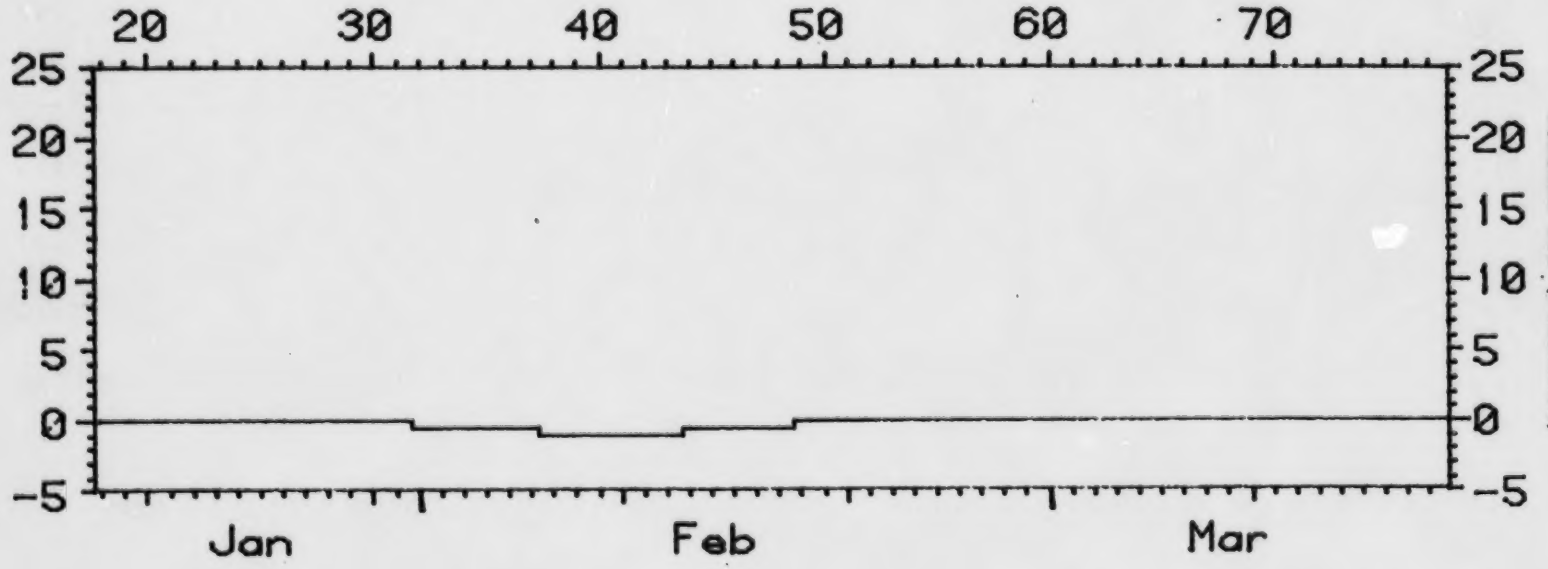


Instrument : 61620

NEW HARBOUR N.S. (Page 2)

Pos. : 45.13, 61.38 Depth : 14 meters

Jan 17, 1981 16:10 GMT to Mar 18, 1981 20:10 GMT

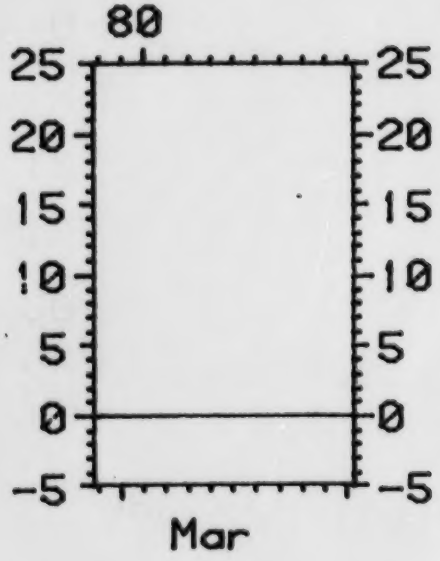


Instrument : 61620

NEW HARBOUR N.S. (Page 3)

Pos. : 45.13, 61.38 Depth : 14 meters

Mar 18, 1981 20:10 GMT to Mar 30, 1981 8:10 GMT

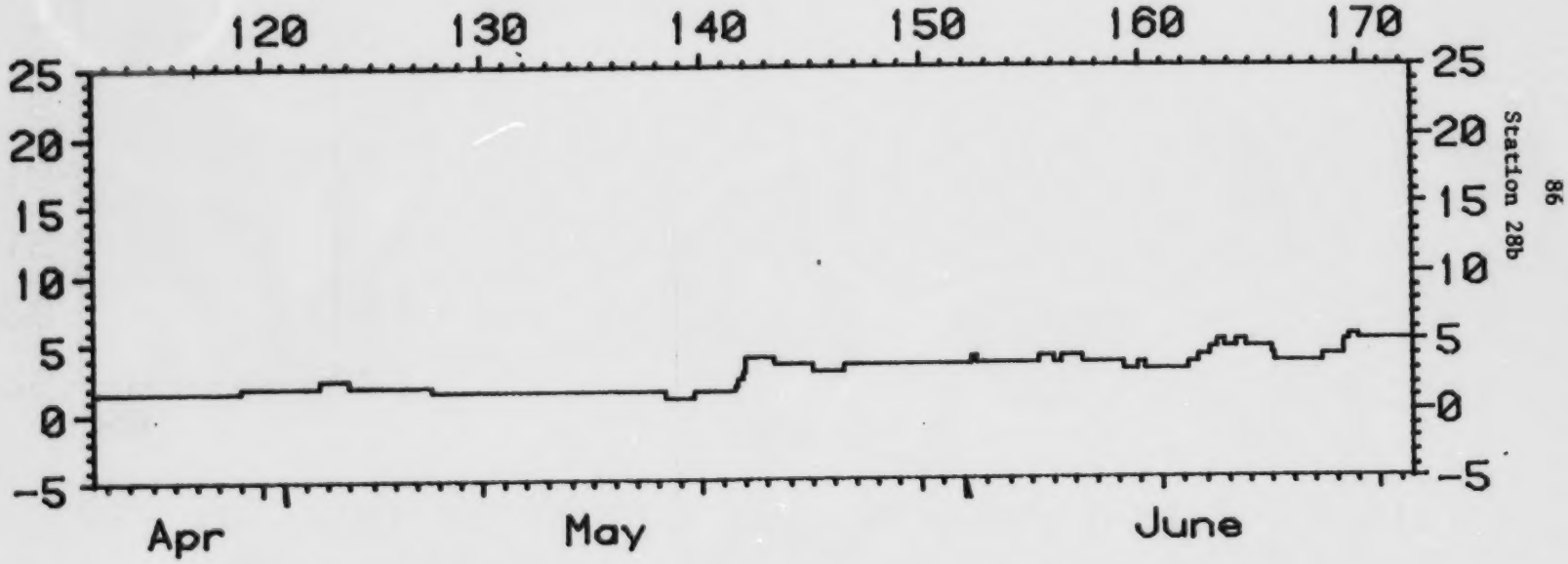


Instrument : 61620

NEW HARBOUR N.S. (Page 1)

Pos. : 45.13, 61.38 Depth : 14 meters

Apr 22, 1981 8:00 GMT to June 21, 1981 12:00 GMT

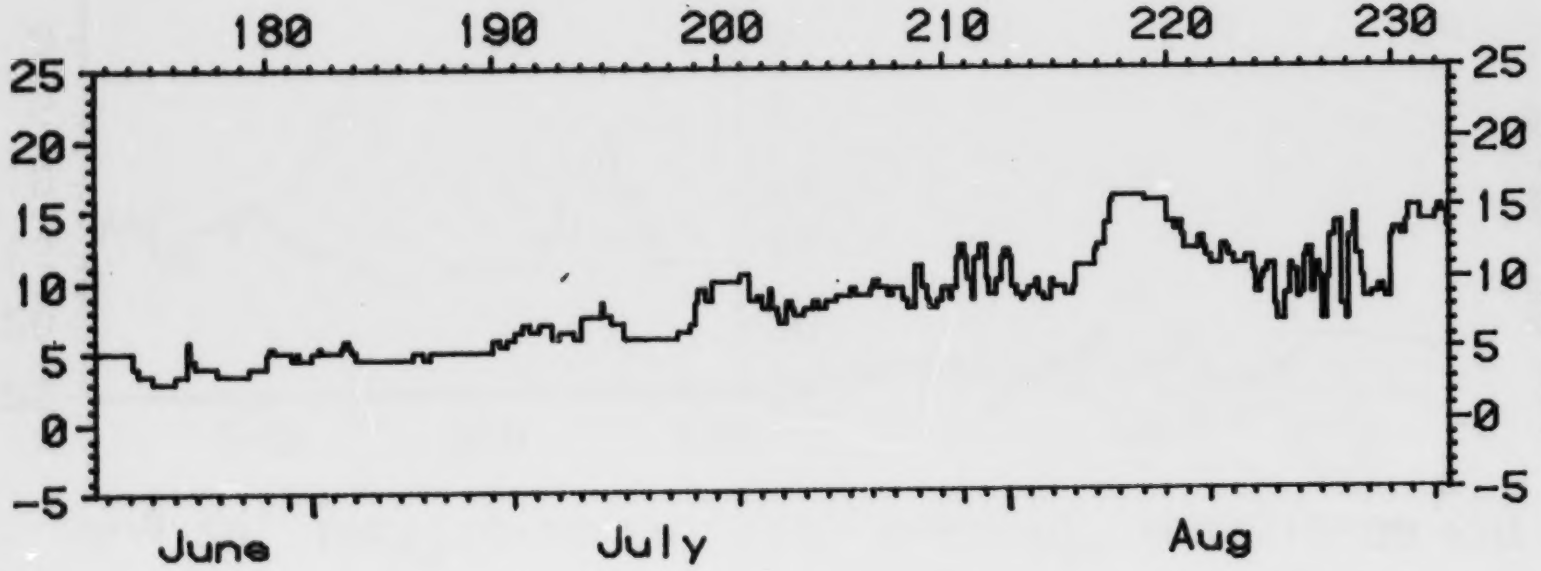


Instrument : 61666

NEW HARBOUR N.S. (Page 2)

Pos. : 45.13, 61.38 Depth : 14 meters

June 21, 1981 12:00 GMT to Aug 20, 1981 16:00 GMT

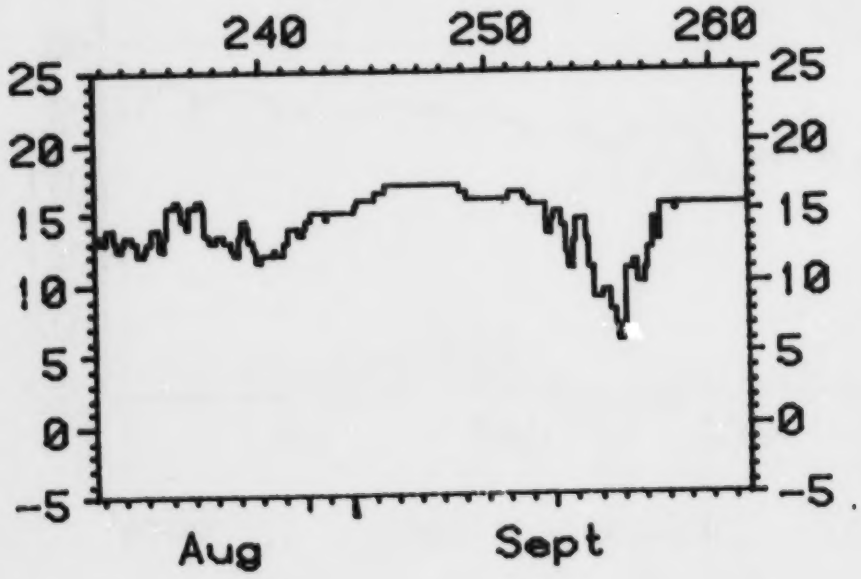


Instrument : 61666

NEW HARBOUR N.S.

Pos. : 45.13, 61.38 Depth : 14 meters

Aug 20, 1981 16:00 GMT to Sept 18, 1981 16:00 GMT

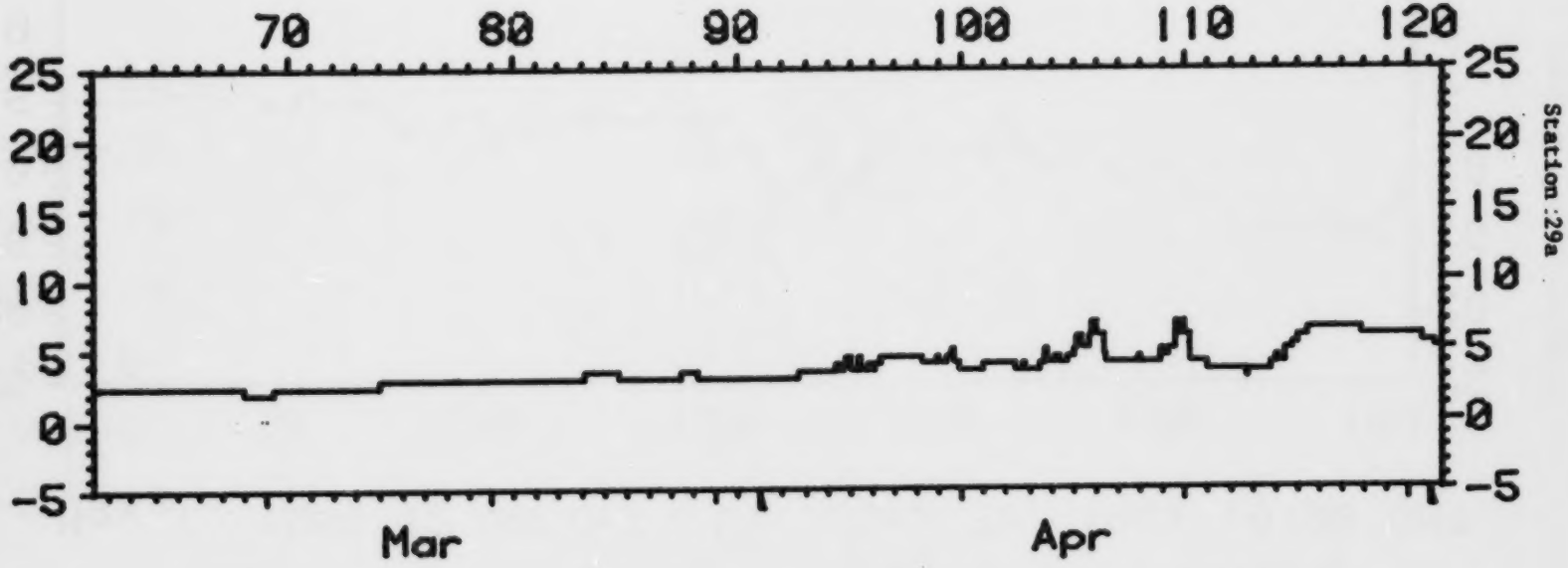


Instrument : 61666

DORTS COVE N.S. (Page 1)

Pos. : 45.35, 61.43 Depth : 11 meters

Mar 2, 1981 8:00 GMT to May 1, 1981 12:00 GMT



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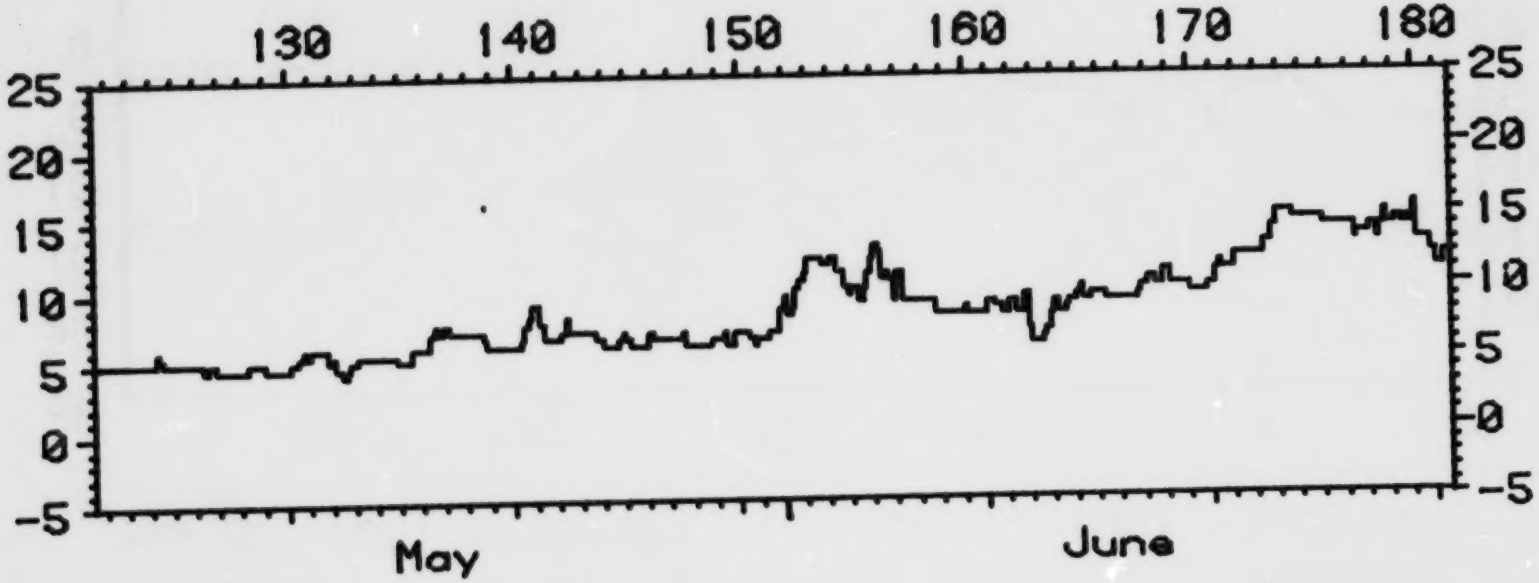
No serial number recorded.

DORTS COVE N.S. (Page 2)

Pos. : 45.35, 61.43 Depth : 11 meters

May 1, 1981 12:00 GMT to June 30, 1981 16:00 GMT

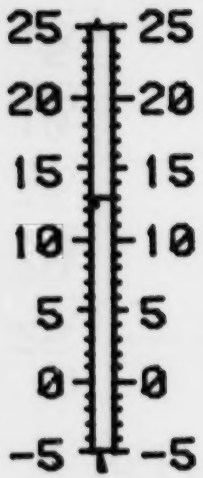


No serial number recorded.

DORTS COVE N.S. (Page 3)

Pos. : 45.35, 61.43 Depth : 11 meters

June 30, 1981 16:00 GMT to July 1, 1981 16:00 GMT

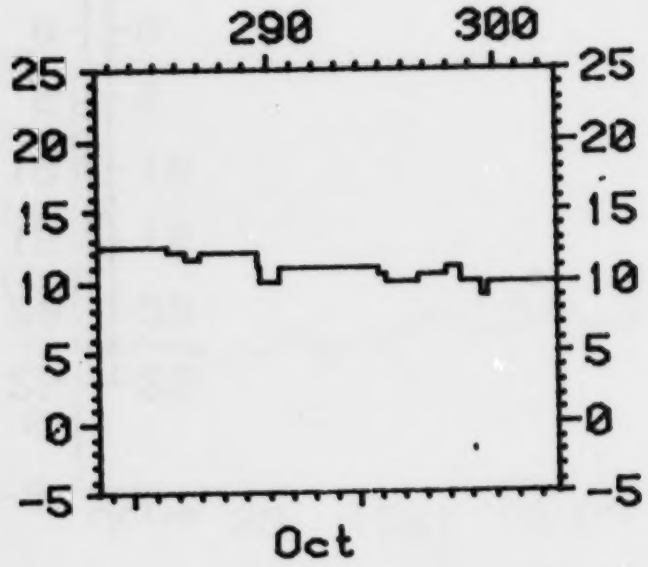


No serial number recorded.

DORTS COVE N.S.

Pos. : 45.35, 61.43 Depth : 15 meters

Oct 8, 1980 12:00 GMT to Oct 28, 1980 20:00 GMT

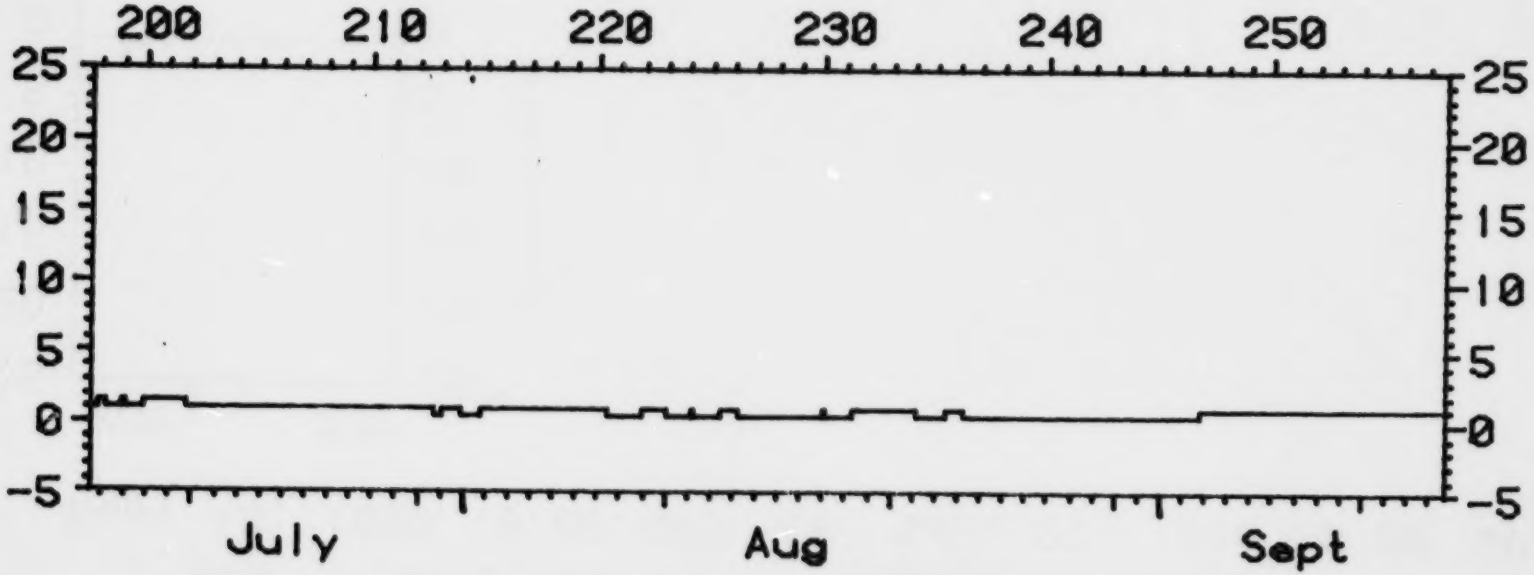


INSTRUMENT NUMBER NOT KNOWN

WRECK COVE N.S. (Page 1)

Pos. : 46.5, 60.33 Depth : 15 meters

July 15, 1980 14:00 GMT to Sept 13, 1980 18:00 GMT



Instrument : 61618

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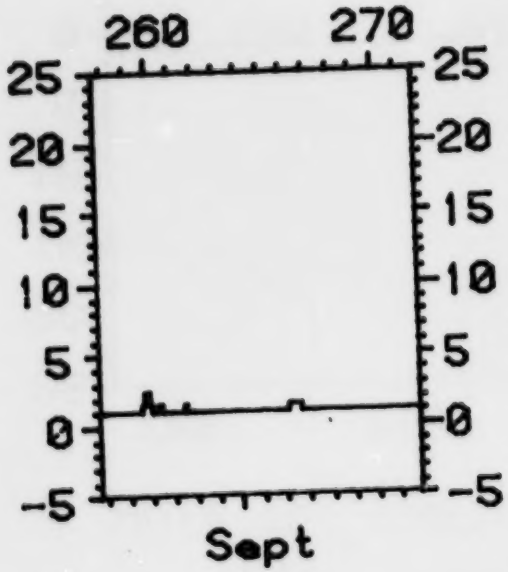
Station 31a

WRECK COVE N.S.

Pos. : 46.5, 60.33 Depth : 15 meters

Sept 13, 1980 18:00 GMT to Sept 27, 1980 22:00 GMT



Instrument : 61618

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Station 31b

APPENDIX 2

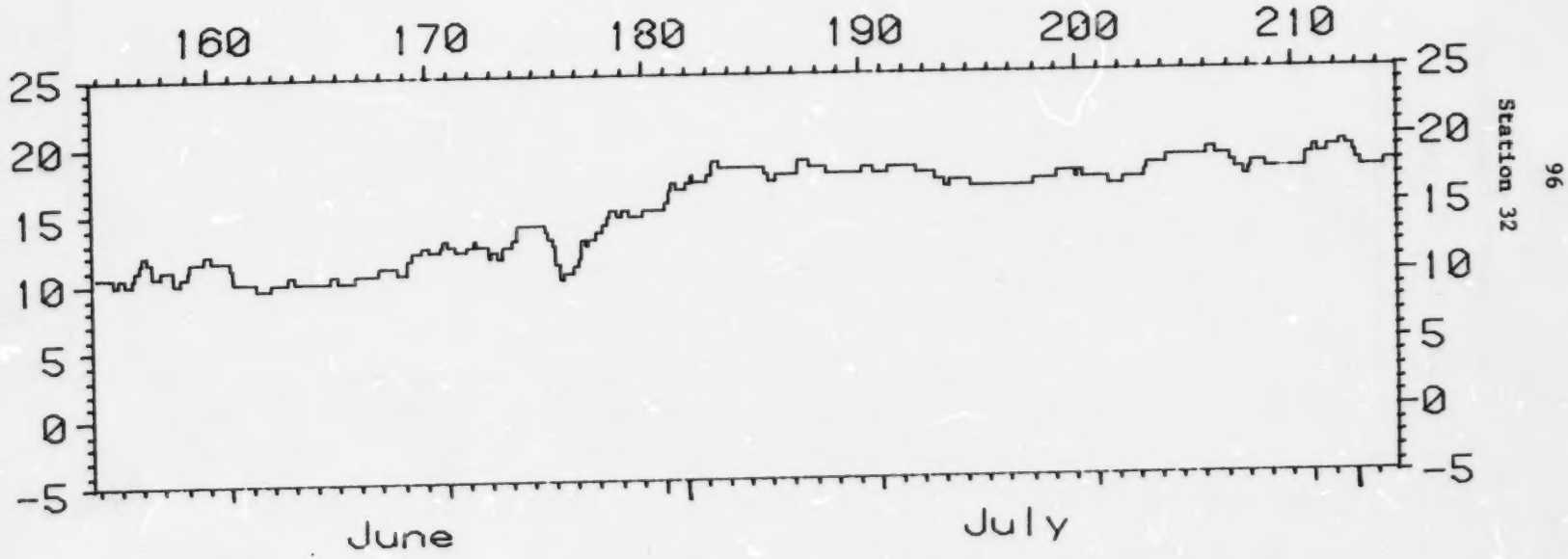
AREA 2 GULF

TEMPERATURE RECORDS

BAYFIELD N.S. (Page 1)

Pos. : 45.62, 61.75 Depth : 5 meters

June 3, 1981 16:30 GMT to Aug 2, 1981 20:30 GMT

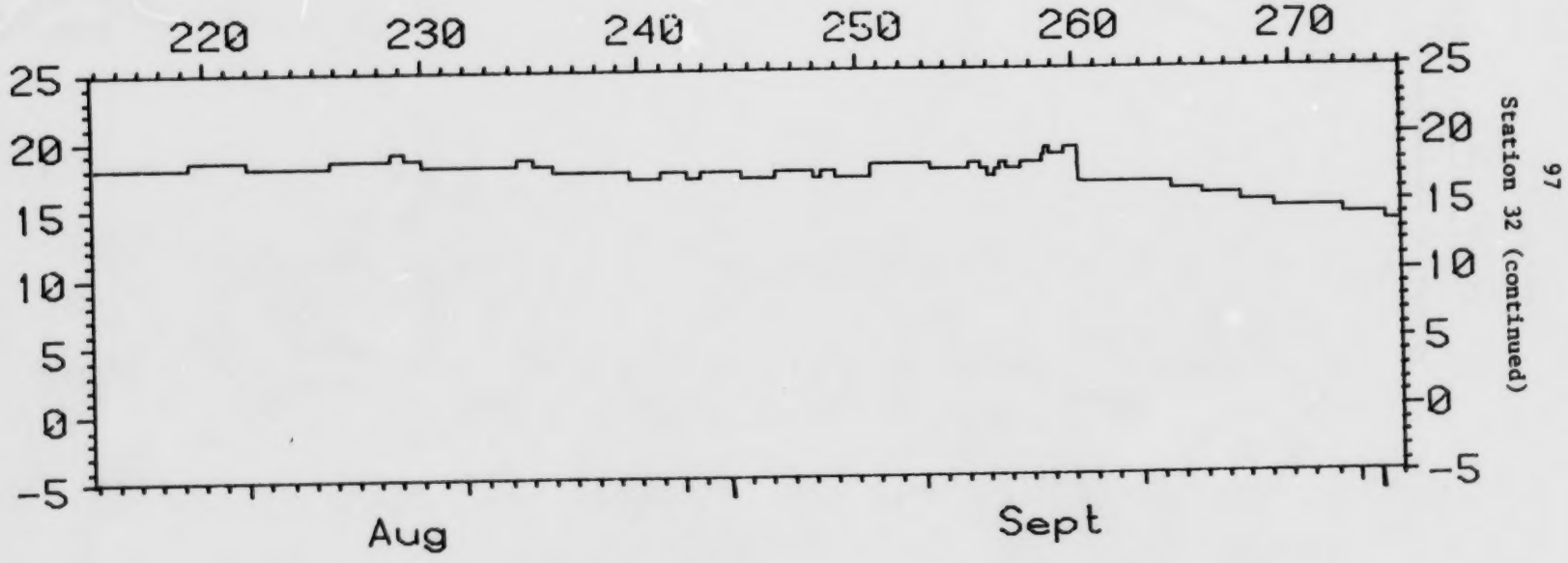


Instrument : 61471

BAYFIELD N.S. (Page 2)

Pos. : 45.62, 61.75 Depth : 5 meters

Aug 2, 1981 20:30 GMT to Oct 2, 1981 0:30 GMT

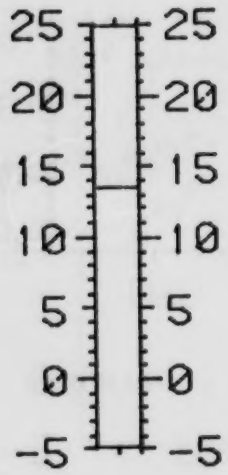


Instrument : 61471

BAYFIELD N.S. (Page 3)

Pos. : 45.62, 61.75 Depth : 5 meters

Oct 2, 1981 0:30 GMT to Oct 4, 1981 0:30 GMT

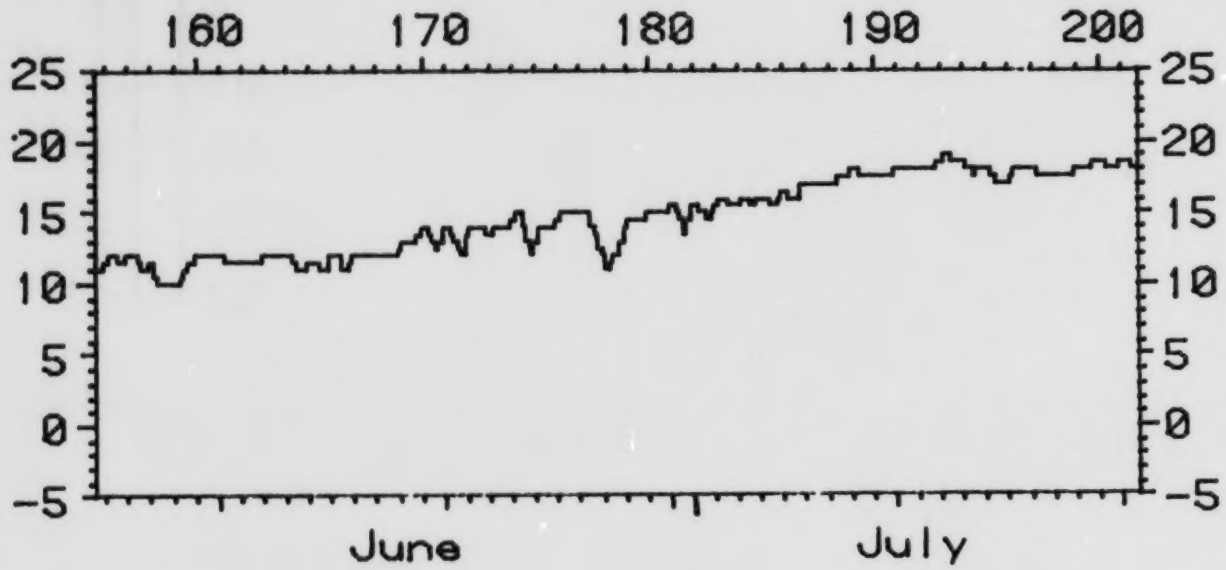


Instrument : 61471

TONEY RIVER N.S.

Pos. : 45.8, 62.83 Depth : 19 meters

June 4, 1981 13:30 GMT to July 20, 1981 17:30 GMT

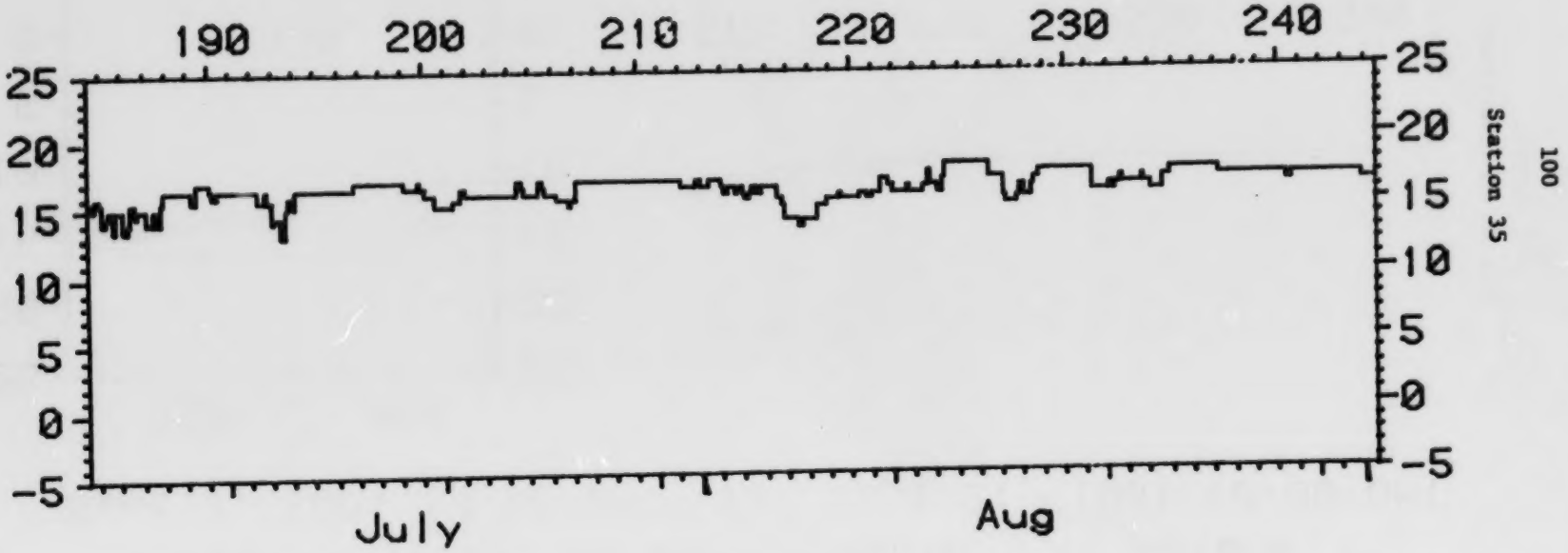


Instrument : 60931

SKINNERS COVE N.S. (Page 1)

Pos. : 45.83, 63.05 Depth : 11 meters

July 3, 1981 10:30 GMT to Sept 1, 1981 14:30 GMT

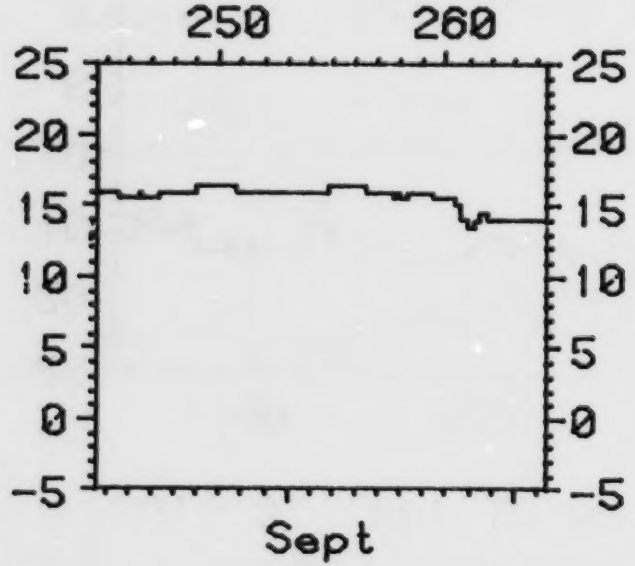


Instrument : 61660

SKINNERS COVE N.S. (Page 2)

Pos. : 45.83, 63.05 Depth : 11 meters

Sept 1, 1981 14:30 GMT to Sept 21, 1981 10:30 GMT

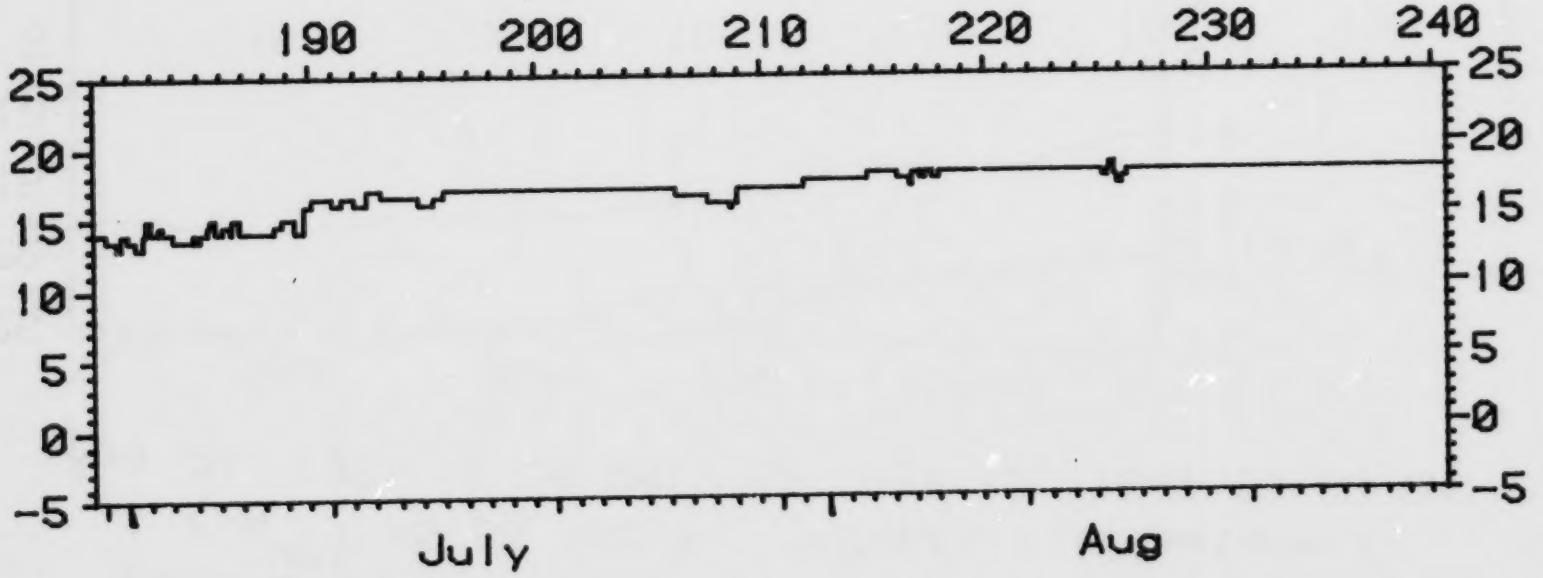


Instrument : 61660

PUGWASH N.S. (Page 1)

Pos. : 45.86, 63.7 Depth : 12 meters

June 29, 1981 11:00 GMT to Aug 28, 1981 15:00 GMT



Instrument : 61470

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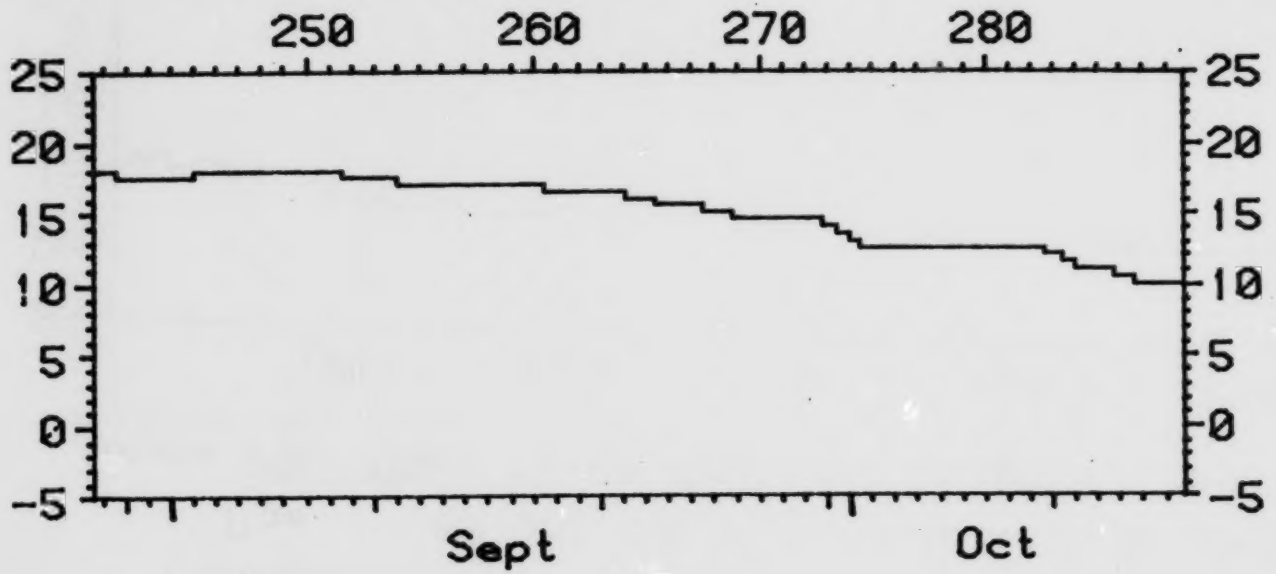
Station 36b

PUGWASH N.S. (Page 2)

Pos. : 45.86, 63.7 Depth : 12 meters

Aug 28, 1981 15:00 GMT to Oct 15, 1981 19:00 GMT

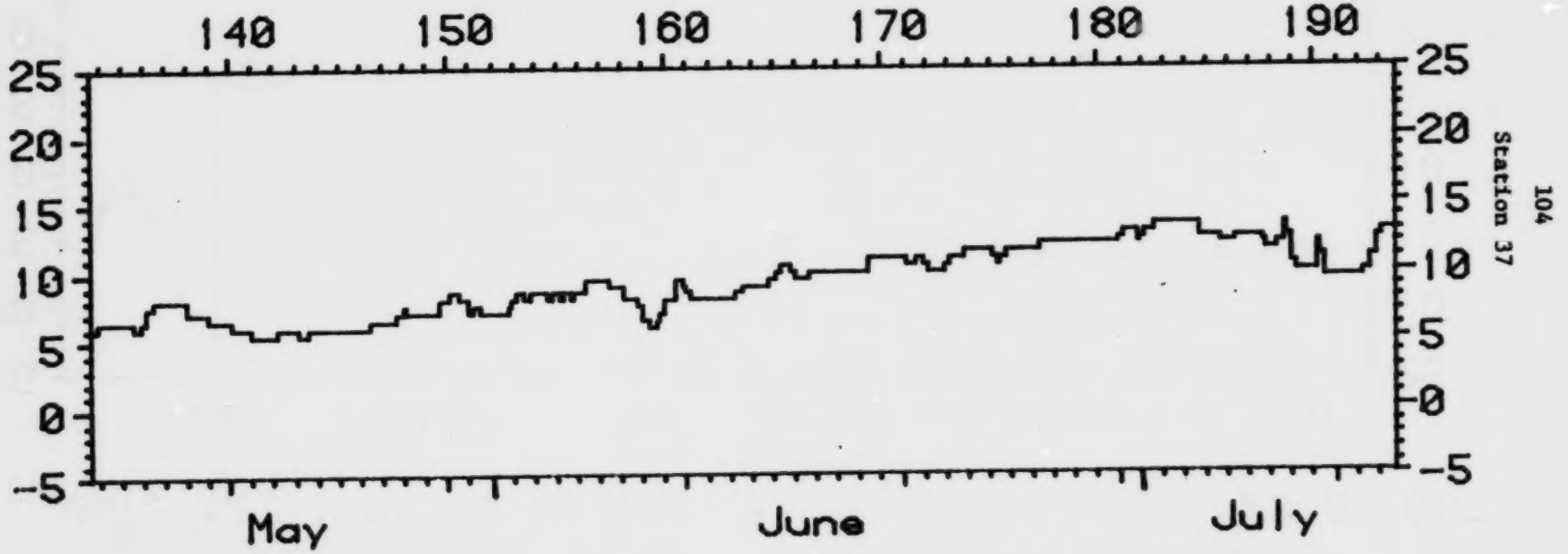


Instrument : 61470

VICTORIA P.E.I. (Page 1)

Pos. : 46.18, 63.48 Depth : 11 meters

May 13, 1981 15:00 GMT to July 12, 1981 19:00 GMT

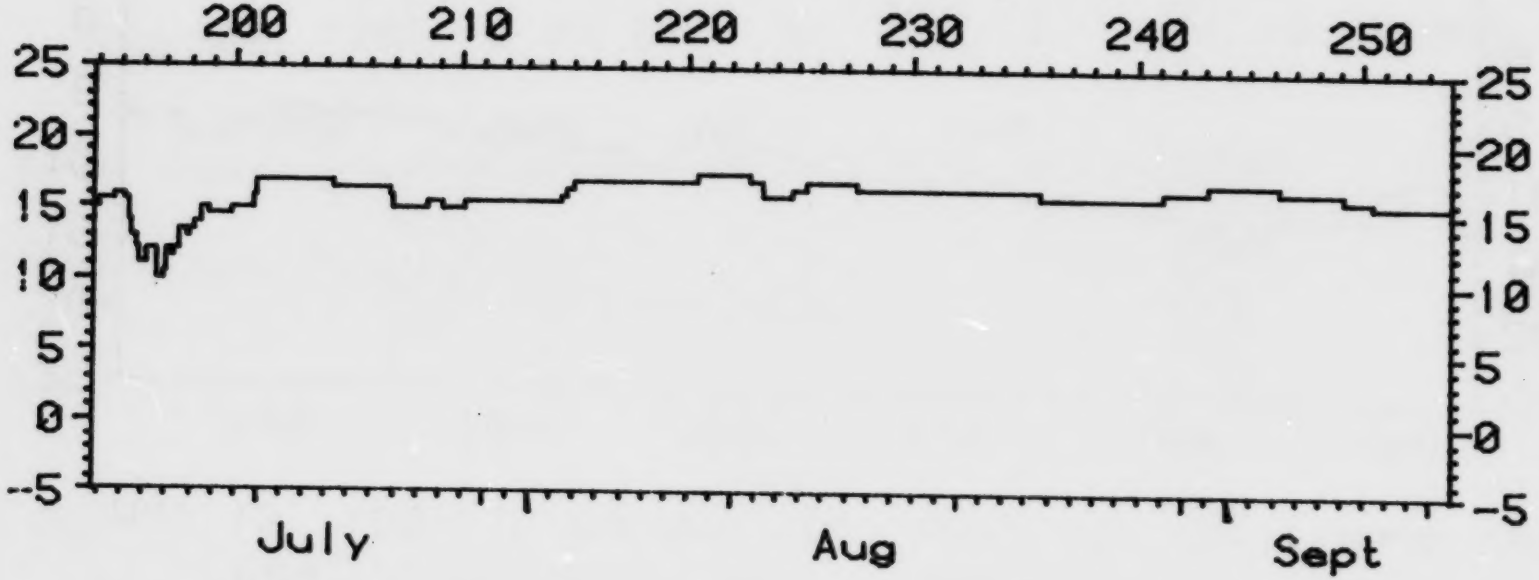


Instrument : 61653

VICTORIA P.E.I. (Page 2)

Pos. : 46.18, 63.48 Depth : 11 meters

July 12, 1981 19:00 GMT to Sept 10, 1981 23:00 GMT

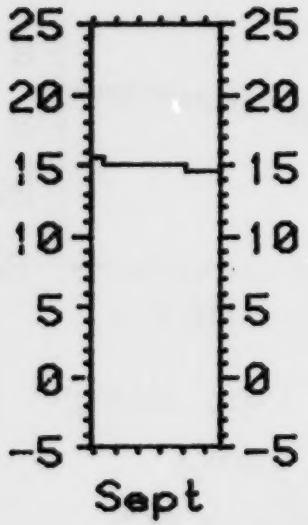


Instrument : 61653

VICTORIA P.E.I. (Page 3)

Pos. : 46.18, 63.48 Depth : 11 meters

Sept 10, 1981 23:00 GMT to Sept 16, 1981 15:00 GMT

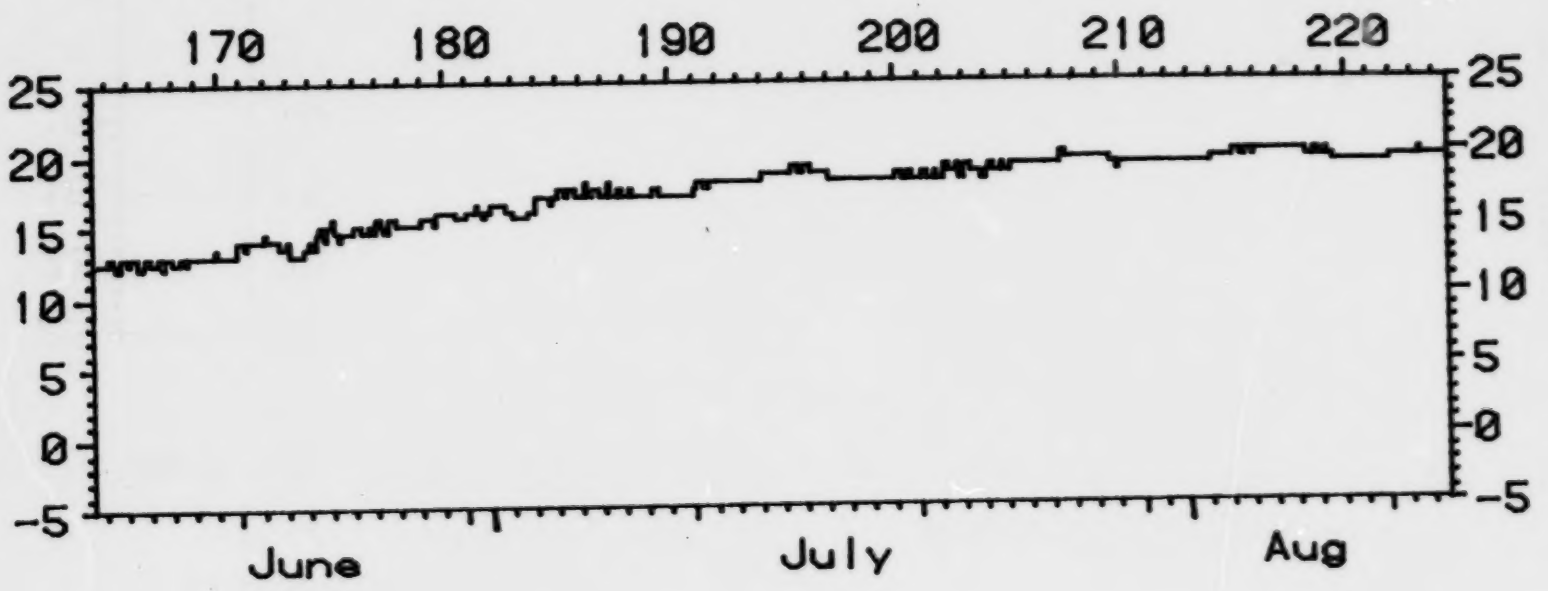


Instrument : 61653

CAPE EGMONT P.E.I. (Page 1)

Pos. : 46.42, 64.38 Depth : 16 meters

June 13, 1981 12:00 GMT to Aug 12, 1981 16:00 GMT

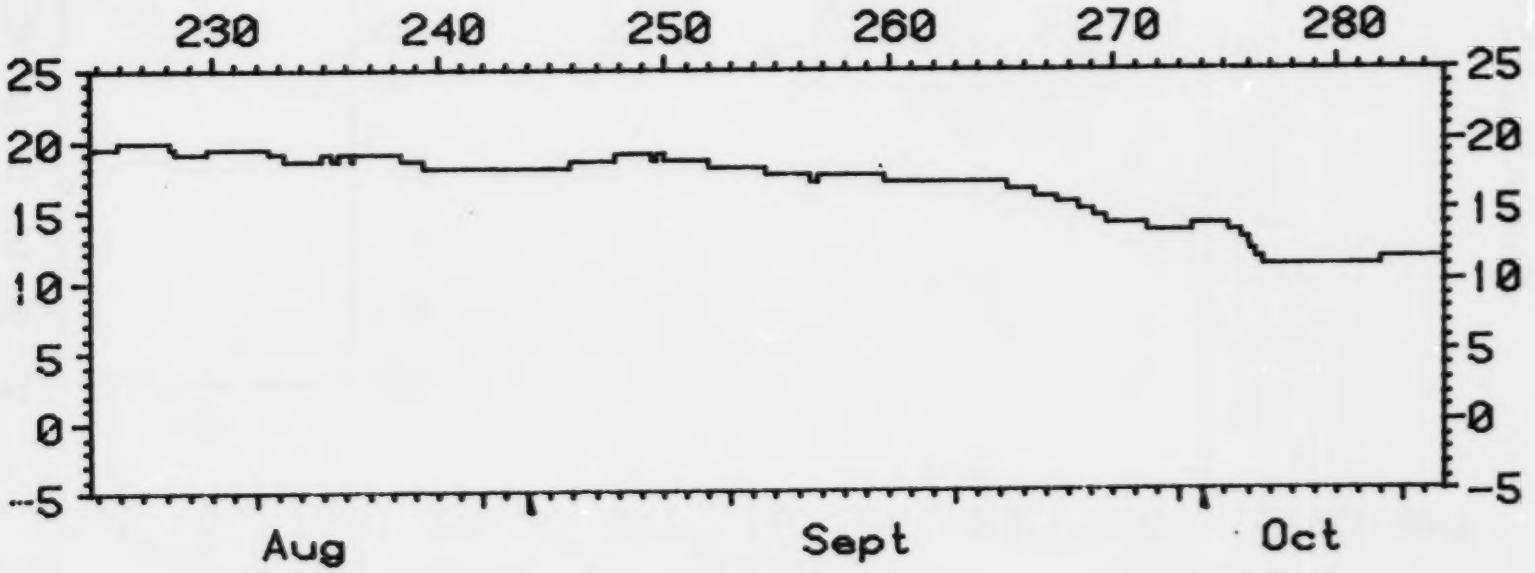


Instrument : 61644

CAPE EGMONT P.E.I. (Page 2)

Pos. : 46.42, 64.38 Depth : 16 meters

Aug 12, 1981 16:00 GMT to Oct 11, 1981 20:00 GMT

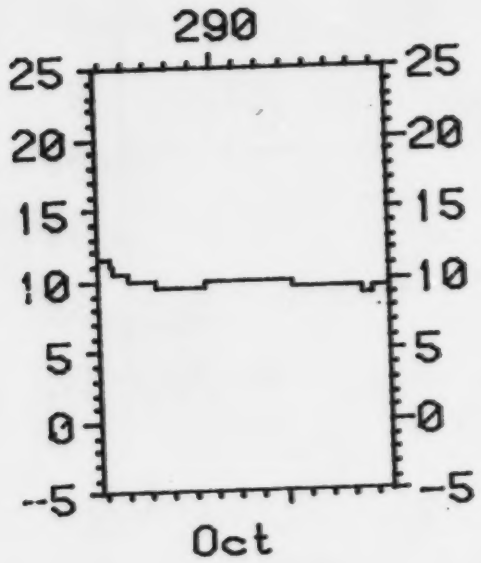


Instrument : 61644

CAPE EGMONT P.E.I.

Pos. : 46.42, 64.38 Depth : 16 meters

Oct 11, 1981 20:00 GMT to Oct 24, 1981 16:00 GMT

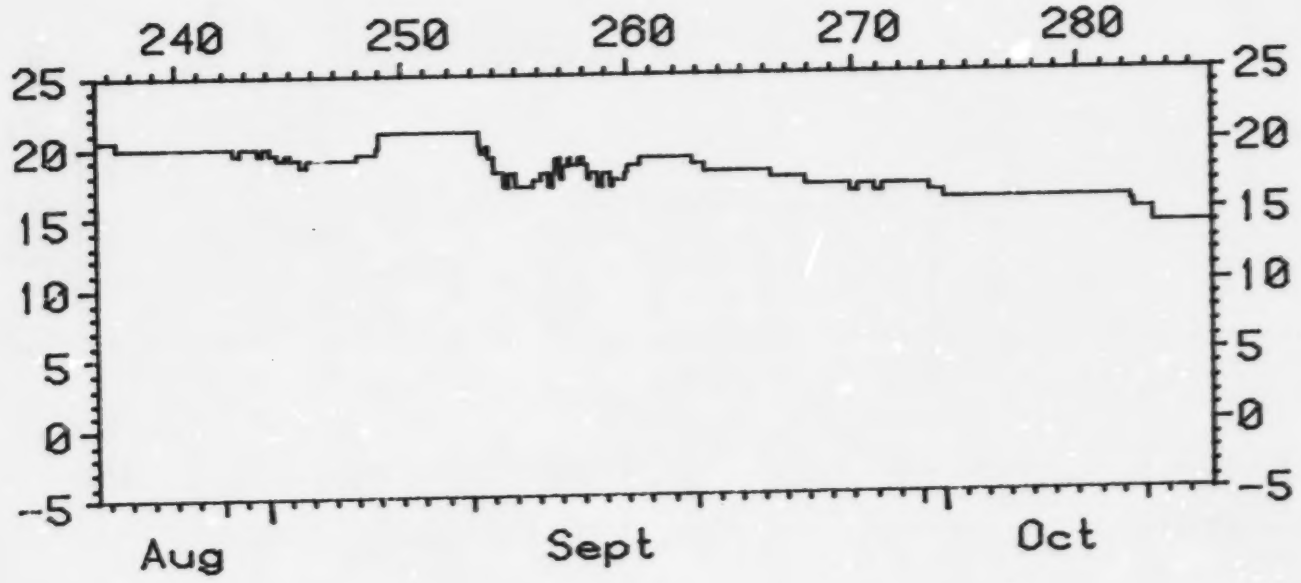


Instrument : 61644

RICHIBUCTO N.B.

Pos. : 46.8, 64.67 Depth : 14 meters

Aug 24, 1981 11:30 GMT to Oct 12, 1981 23:30 GMT



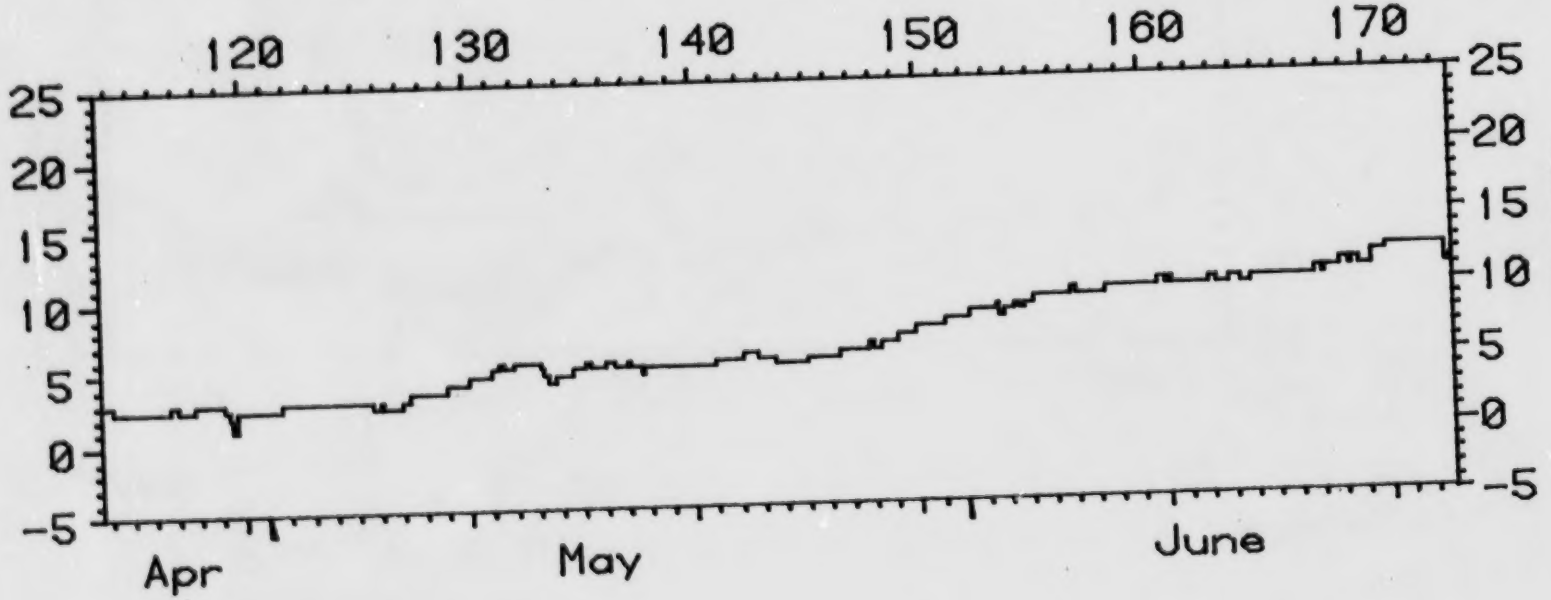
Instrument : 61734

Station 42b

NORTH LAKE P.E.I.

Pos. : 46.5, 62.08 Depth : 5 meters

Apr 23, 1981 15:00 GMT to June 22, 1981 19:00 GMT

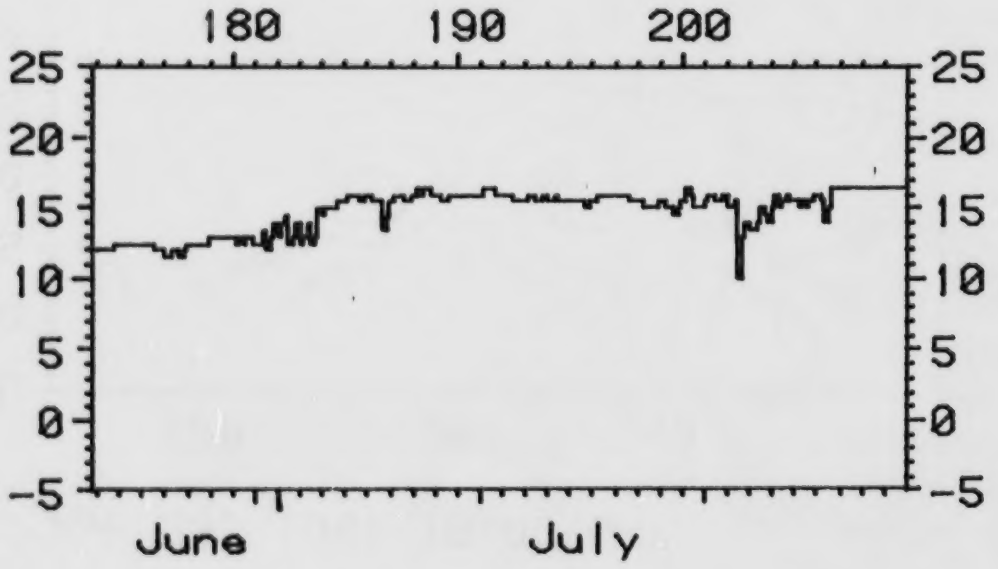


Instrument : 60461

NORTH LAKE P.E.I. (Page 2)

Pos. : 46.5, 62.08 Depth : 5 meters

June 22, 1981 19:00 GMT to July 28, 1981 23:00 GMT

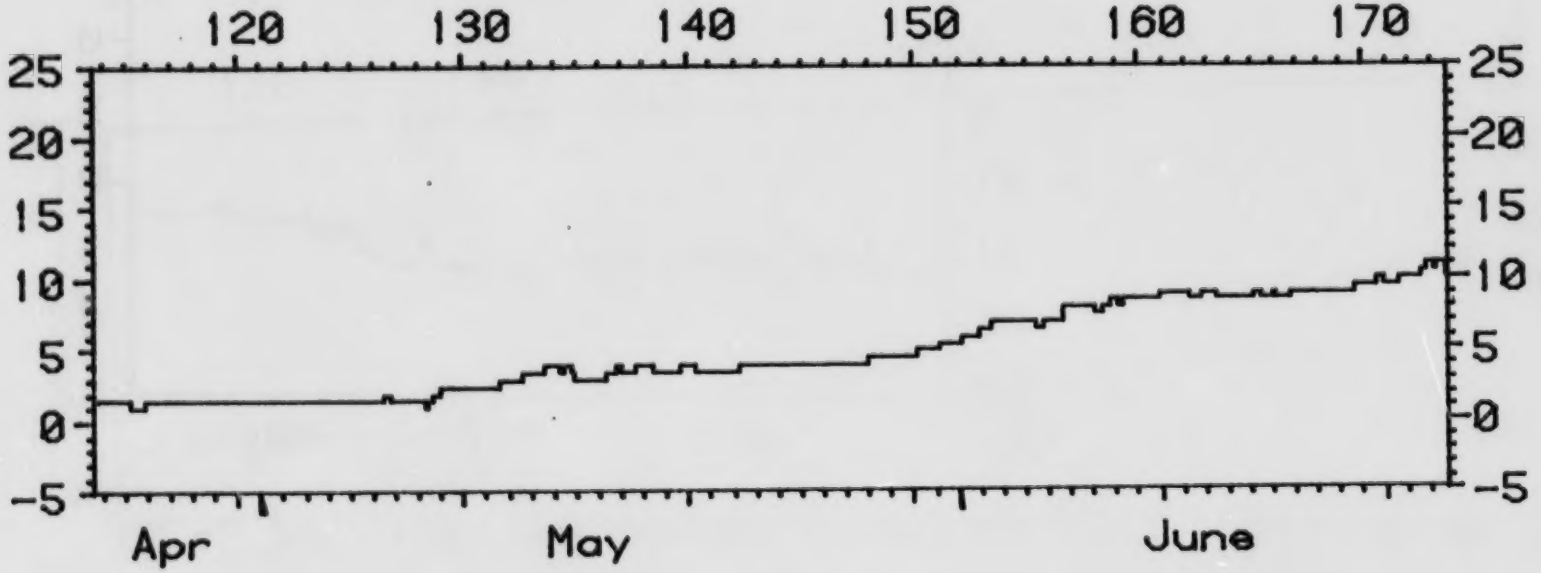


Instrument : 60461

NORTH LAKE P.E.I. (Page 1)

Pos. : 46.5, 62.08 Depth : 10 meters

Apr 23, 1981 15:00 GMT to June 22, 1981 19:00 GMT

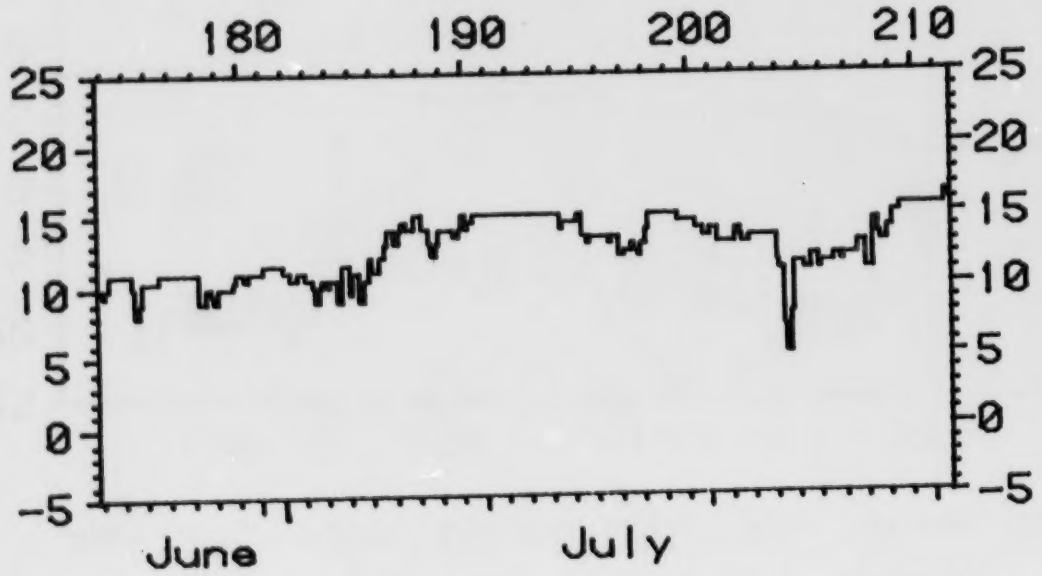


Instrument : 61651

NORTH LAKE P.E.I. (Page 2)

Pos. : 46.5, 62.08 Depth : 10 meters

June 22, 1981 19:00 GMT to July 30, 1981 19:00 GMT

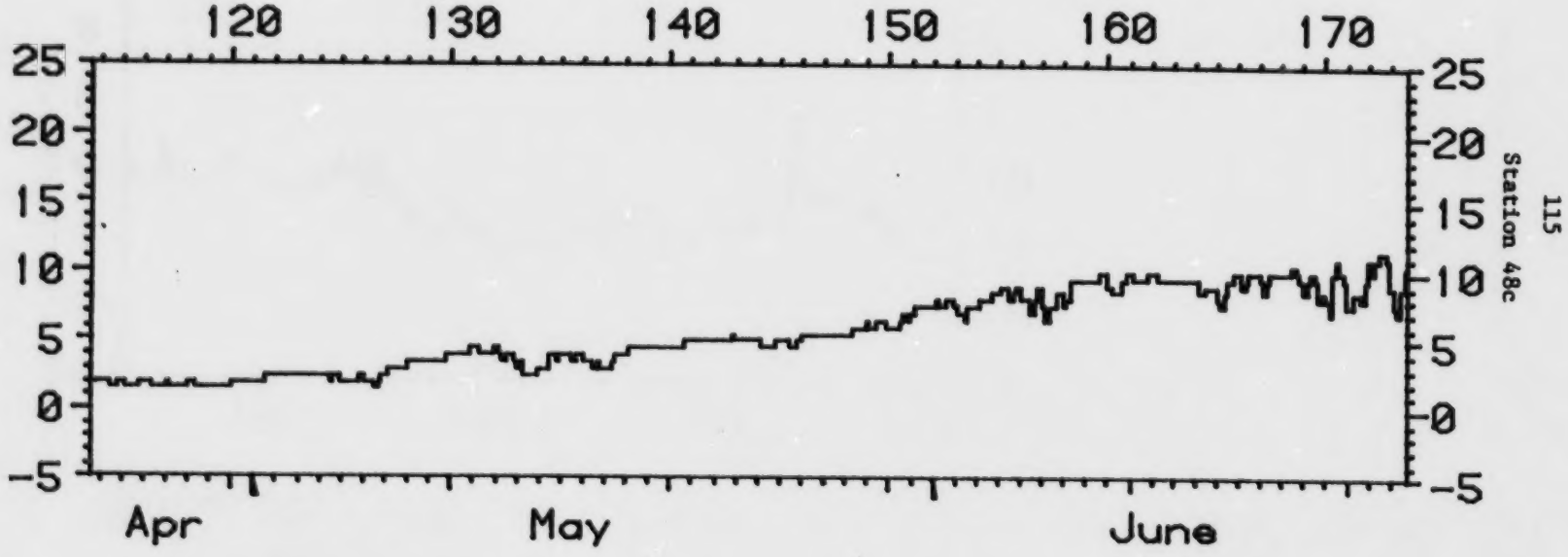


Instrument : 61651

NORTH LAKE P.E.I. (Page 1)

Pos. : 46.5, 62.08 Depth : 20 meters

Apr 23, 1981 15:00 GMT to June 22, 1981 19:00 GMT

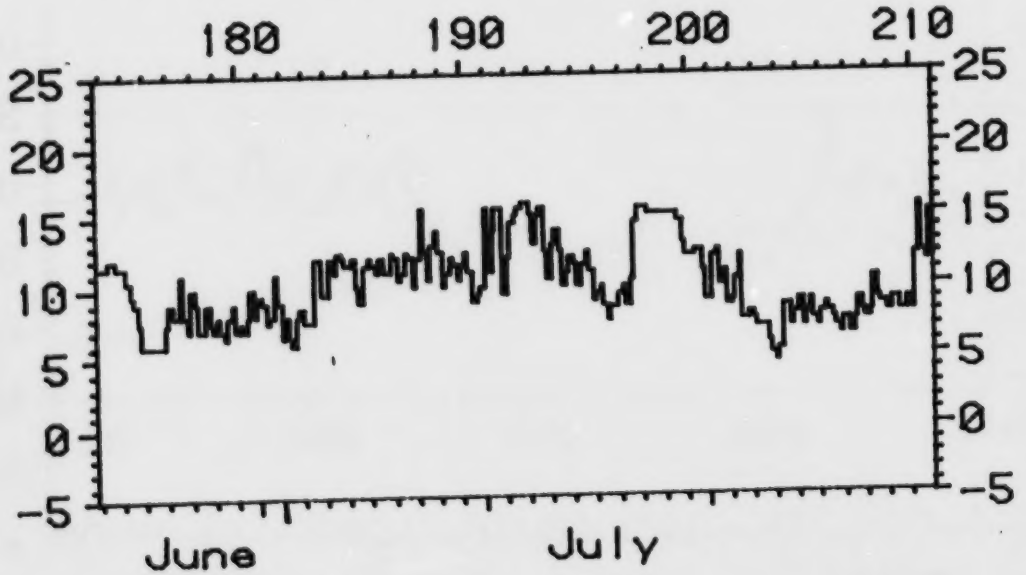


Instrument : 60916

NORTH LAKE P.E.I.

Pos. : 46.5, 62.08 Depth : 20 meters

June 22, 1981 19:00 GMT to July 29, 1981 23:00 GMT

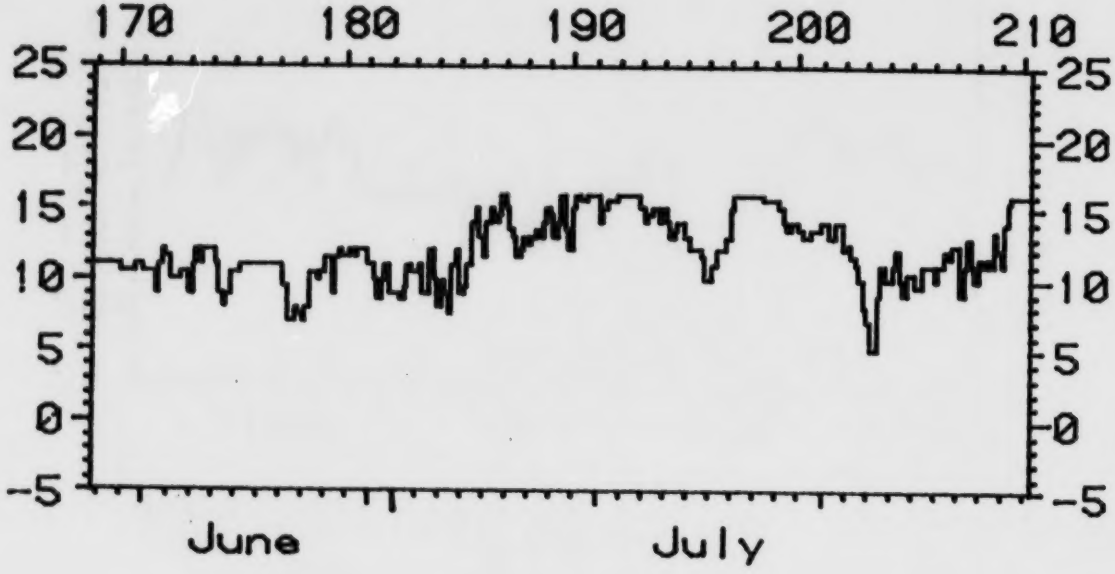


Instrument : 60916

NORTH LAKE P.E.I.

Pos. : 46.5, 62.08 Depth : 15 meters

June 17, 1981 18:50 GMT to July 29, 1981 6:50 GMT

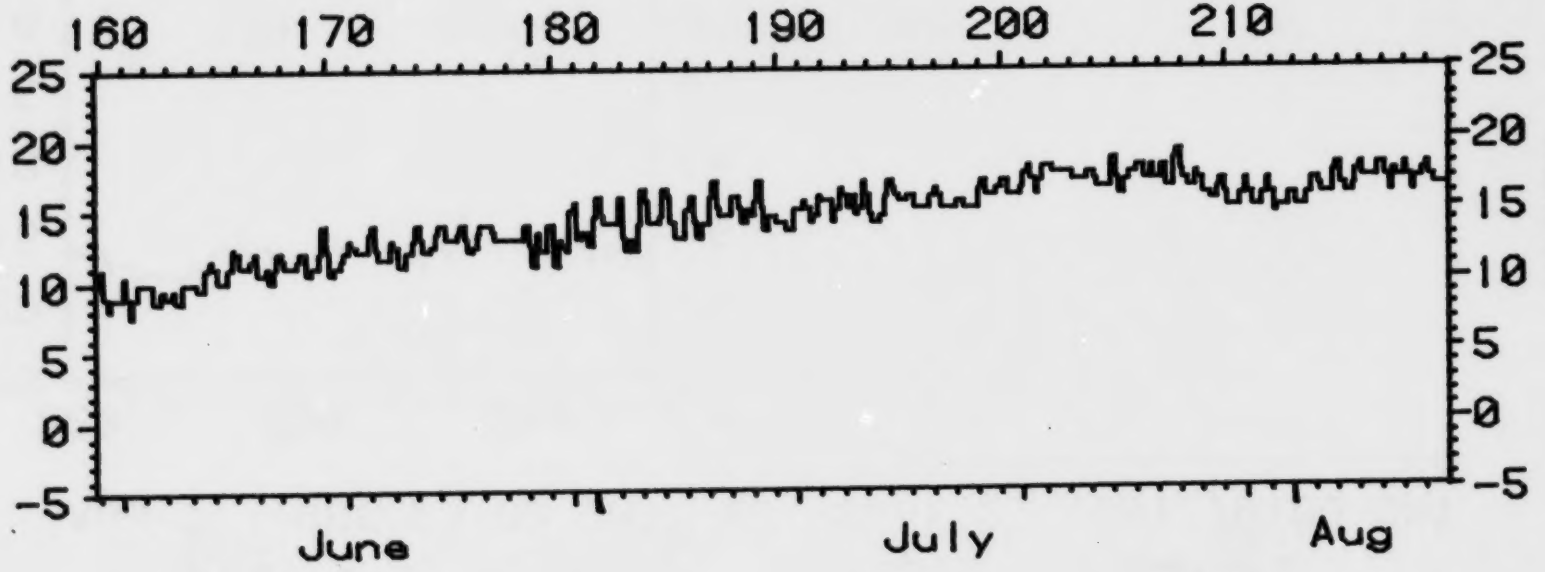


Instrument : 61468

HAVRE-AUX-MAISONS MAGDALEN ISLANDS P.Q.(Page 1)

Pos. : 47.4, 61.84 Depth : 7 meters

June 8, 1981 19:00 GMT to Aug 7, 1981 23:00 GMT

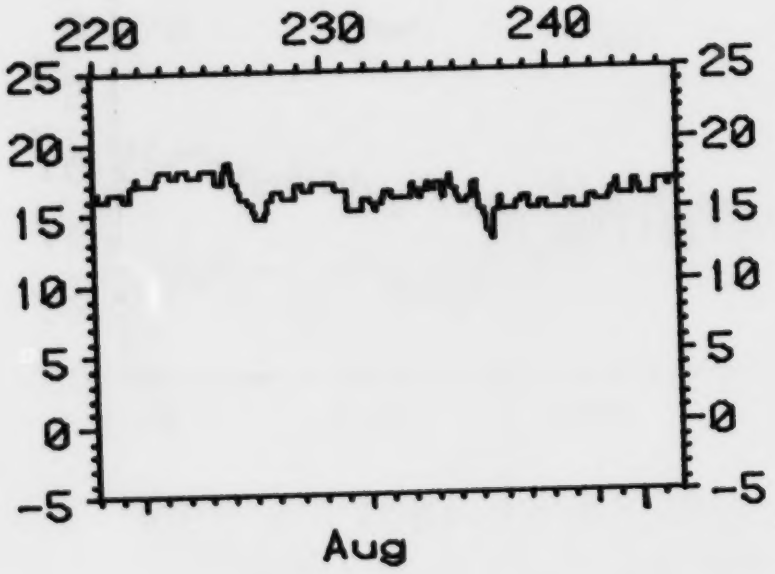


Instrument : 60860

HAVRE-AUX-MAISONS MAGDALEN ISLANDS P.Q.(Page 2)

Pos. : 47.4, 61.84 Depth : 7 meters

Aug 7, 1981 23:00 GMT to Sept 2, 1981 19:00 GMT

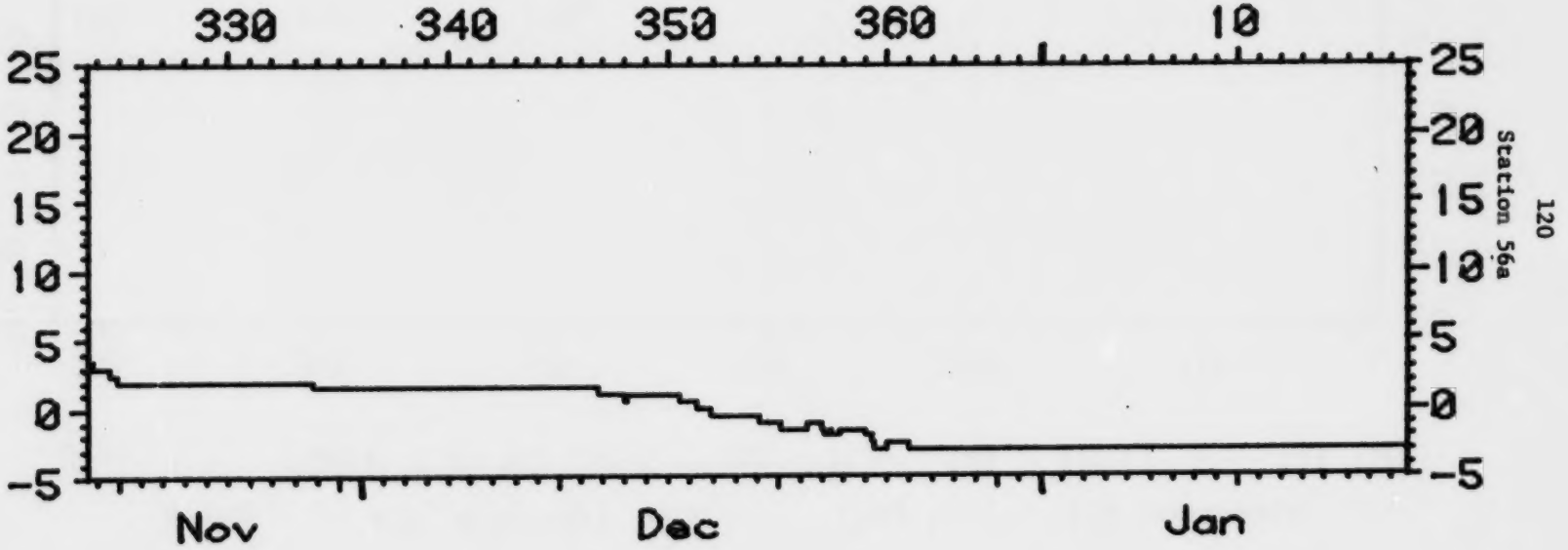


Instrument : 60860

SHAG ISLAND MAGDALEN ISLANDS P.Q. (Page 1)

Pos. : 47.47, 61.65 Depth : 18 meters

Nov 18, 1980 15:10 GMT to Jan 17, 1981 19:10 GMT

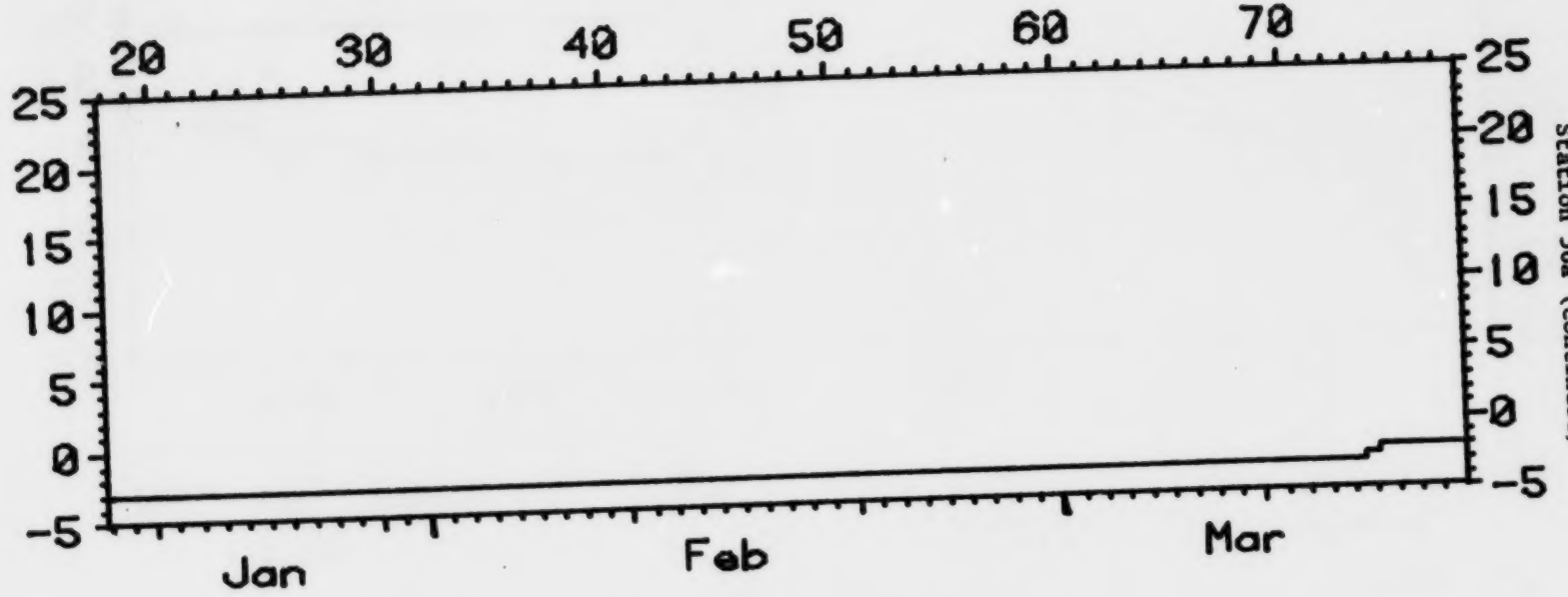


Instrument : 61447

SHAG ISLAND MAGDALEN ISLANDS P.Q. (Page 2)

Pos. : 47.47, 61.65 Depth : 18 meters

Jan 17, 1981 19:10 GMT to Mar 18, 1981 23:10 GMT

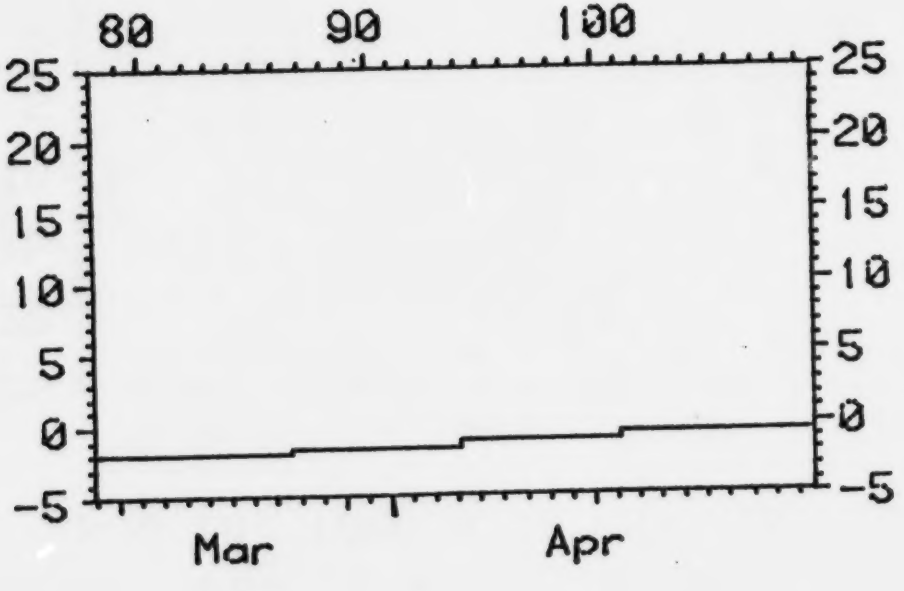


Instrument : 61447

SHAG ISLAND MAGDALEN ISLANDS P.Q. (Page 3)

Pos. : 47.47, 61.65 Depth : 18 meters

Mar 18, 1981 23:10 GMT to Apr 19, 1981 15:10 GMT

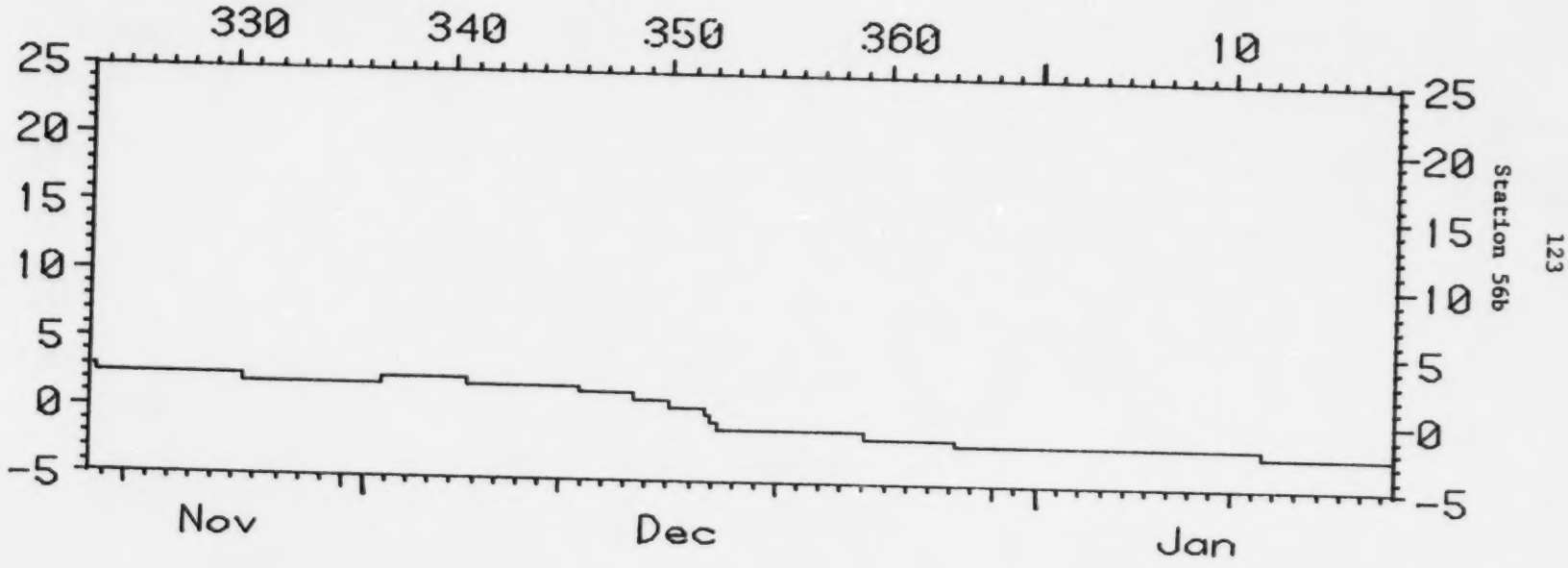


Instrument : 61447

SHAG ISLAND MAGDALEN ISLANDS P.Q. (Page 1)

Pos. : 47.46, 61.67

Nov 18, 1980 9:30 GMT to Jan 17, 1981 13:30 GMT



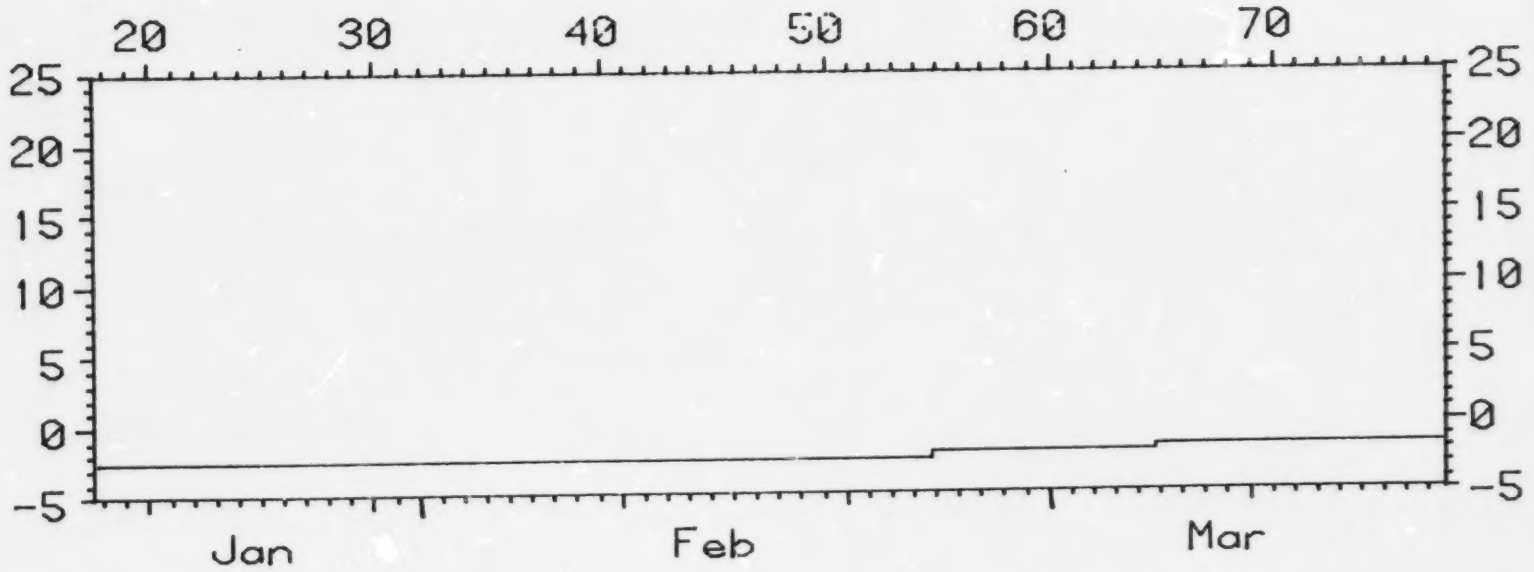
Instrument : 61731

Depth not recorded.

SHAG ISLAND MAGDALEN ISLANDS P.Q. (Page 2)

Pos. : 47.46, 61.67

Jan 17, 1981 13:30 GMT to Mar 18, 1981 17:30 GMT



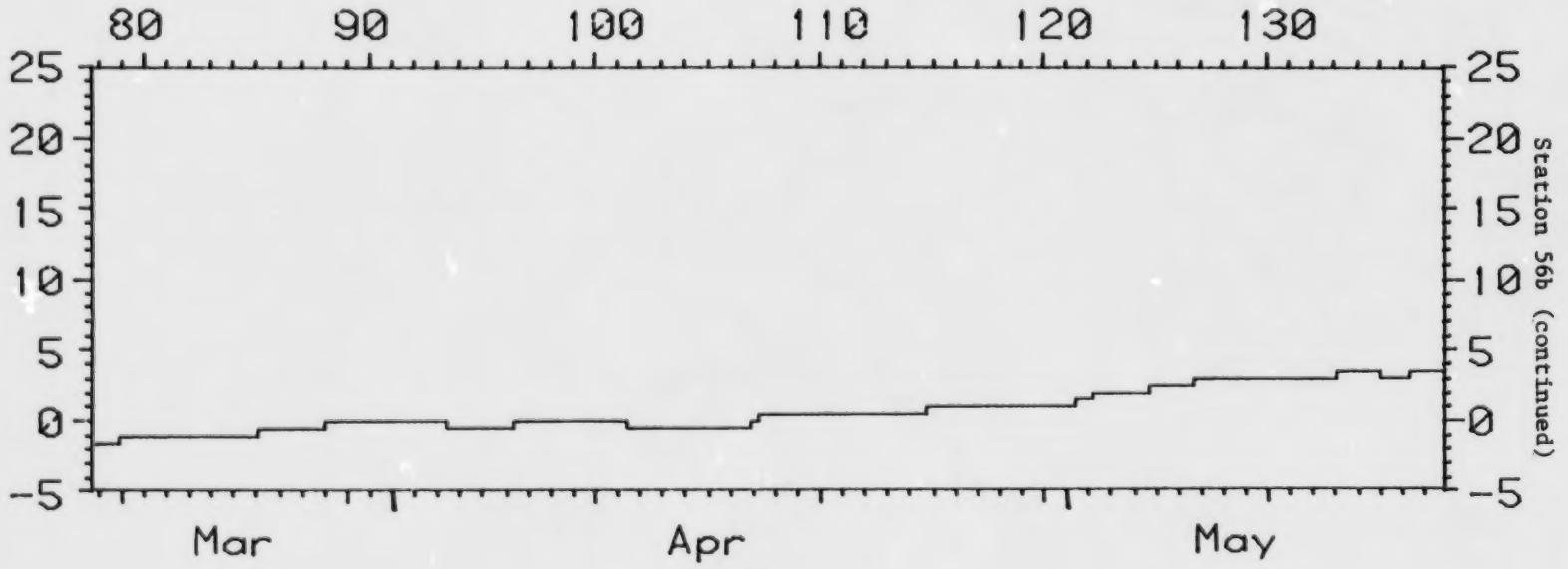
Instrument : 61731

Depth not recorded.

SHAG ISLAND MAGDALEN ISLANDS P.Q. (Page 3)

Pos. : 47.46, 61.67

Mar 18, 1981 17:30 GMT to May 17, 1981 21:30 GMT



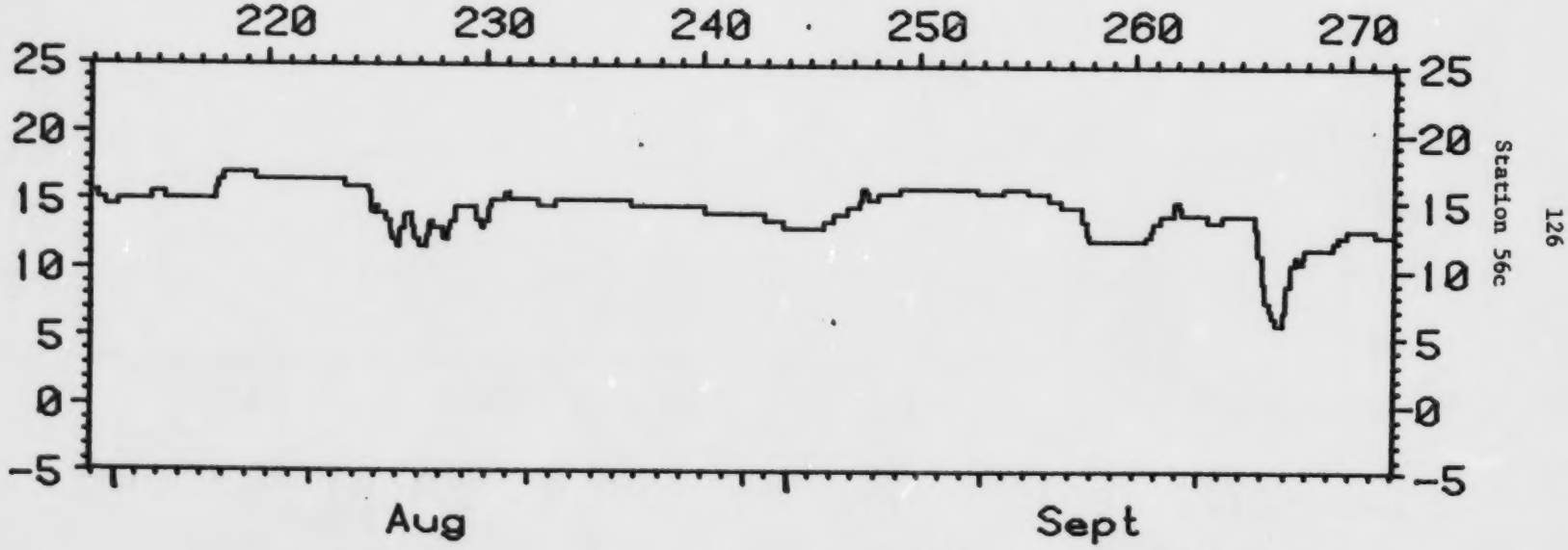
Instrument : 61731

Depth not recorded.

SHAG ISLAND MAGDALEN ISLANDS P.Q. (Page 1)

Pos. : 47.46, 61.67 Depth : 12 meters

July 30, 1981 22:30 GMT to Sept 29, 1981 2:30 GMT

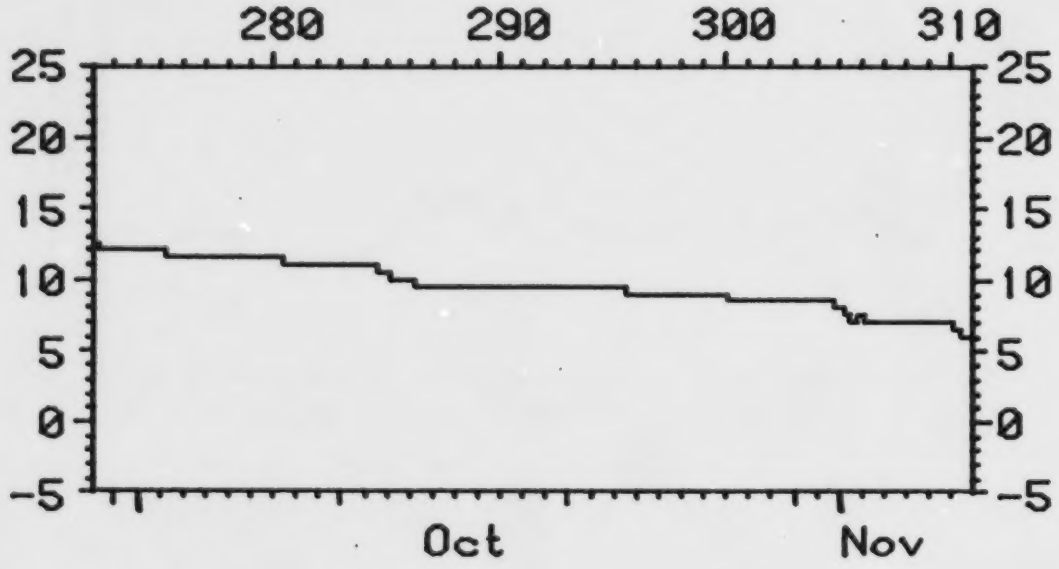


Instrument : 61669

SHAG ISLAND MAGDALEN ISLANDS P.Q. (Page 2)

Pos. : 47.46, 61.67 Depth : 12 meters

Sept 29, 1981 2:30 GMT to Nov 6, 1981 22:30 GMT

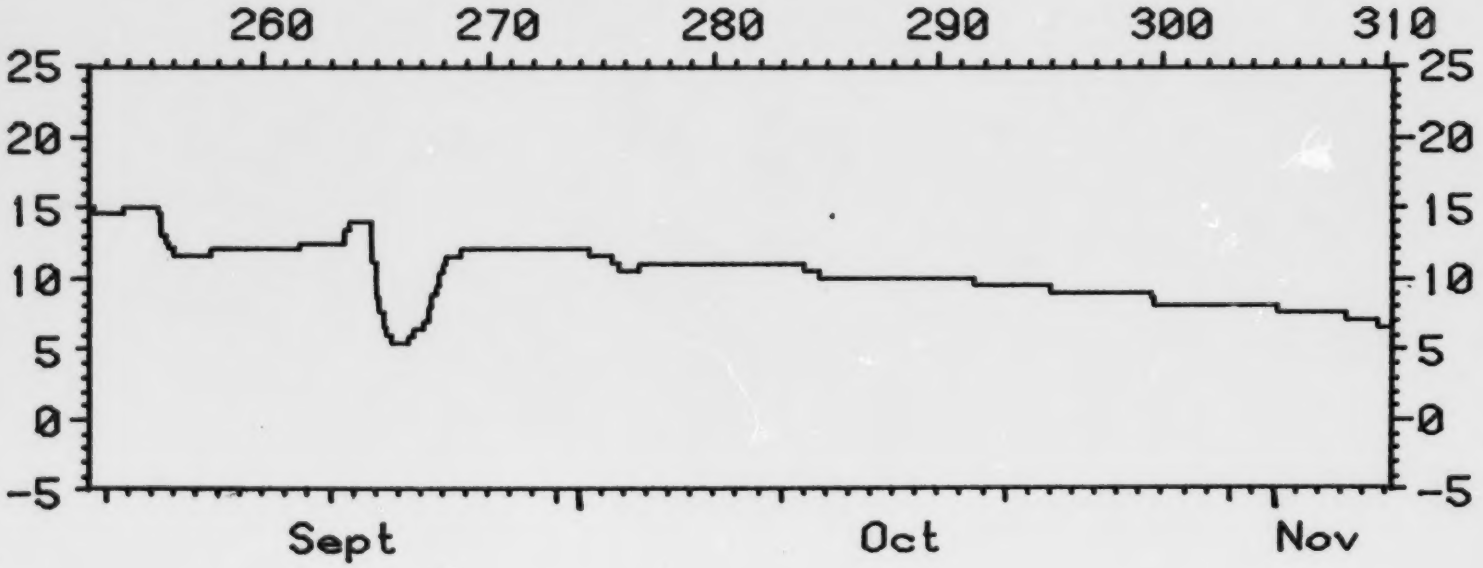


Instrument : 61669

SHAG ISLAND MAGDALEN ISLANDS P.Q.

Pos. : 47.46, 61.67 Depth : 20 meters

Sept 9, 1981 7:30 GMT to Nov 6, 1981 7:30 GMT



Instrument : 61635

Station 56d

APPENDIX 3

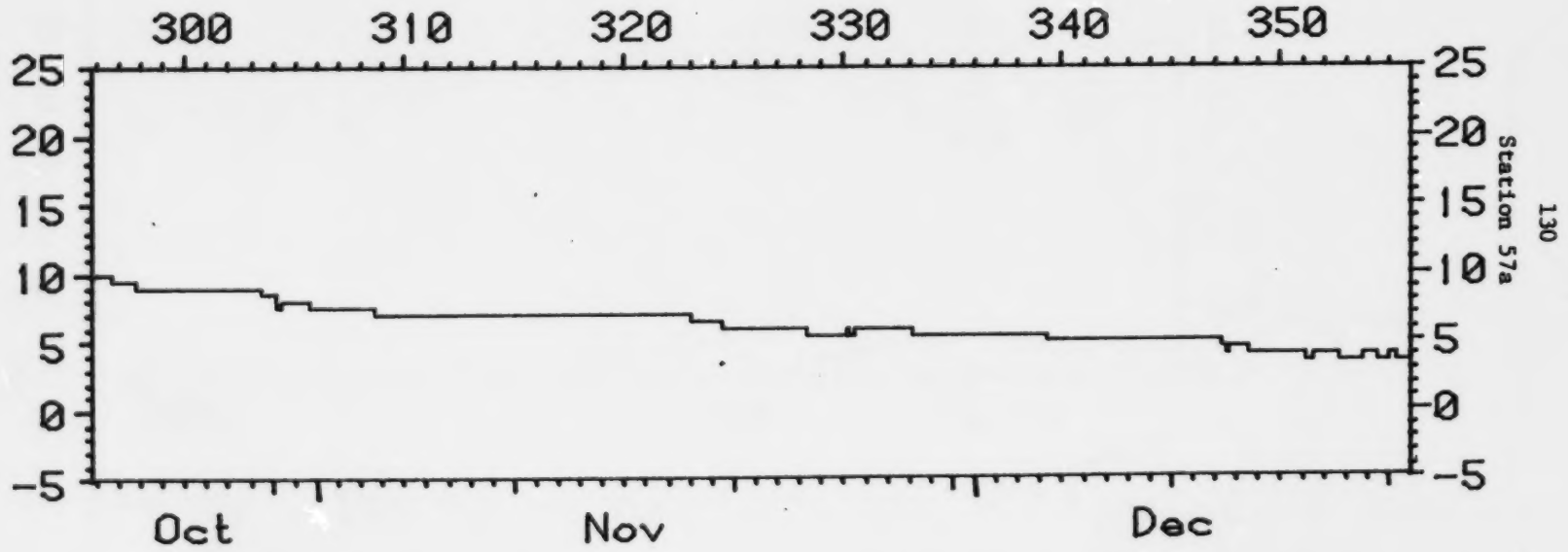
AREA 3 NEWFOUNDLAND - LABRADOR

TEMPERATURE RECORDS

LITTLE BAY MORTIER NFLD. (Page 1)

Pos. : 47.16, 55.11 Depth : 6.1 meters

Oct 21, 1980 19:45 GMT to Dec 20, 1980 23:45 GMT

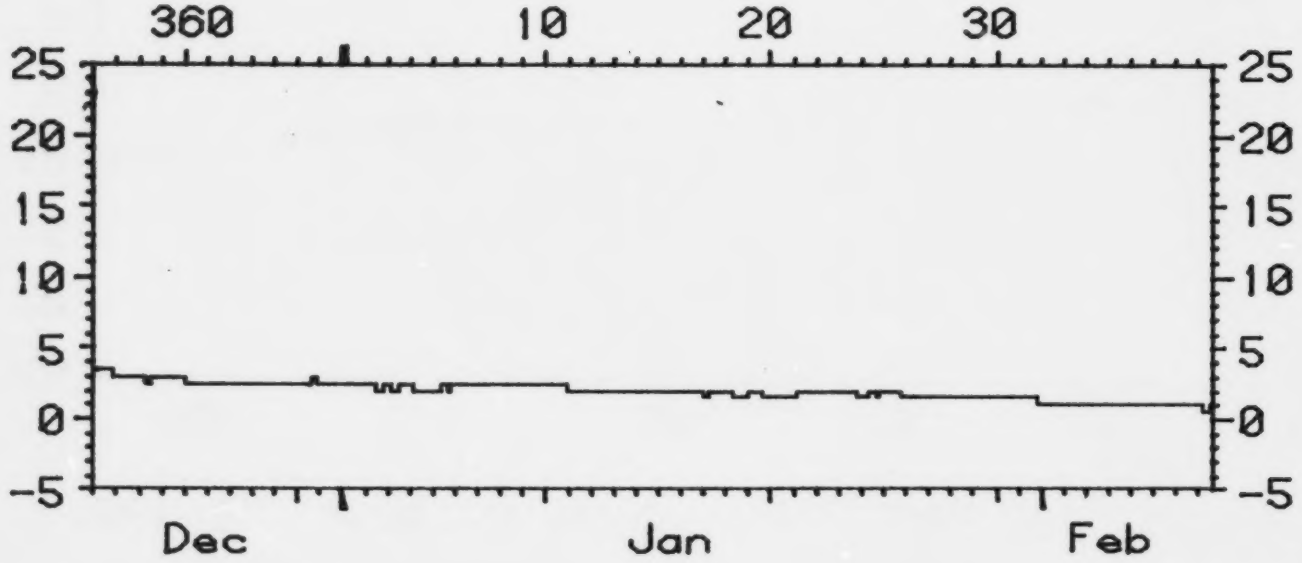


Instrument : 61675

LITTLE BAY MORTIER NFLD. (Page 2)

Pos. : 47.16, 55.11 Depth : 6.1 meters

Dec 20, 1980 23:45 GMT to Feb 8, 1981 15:45 GMT

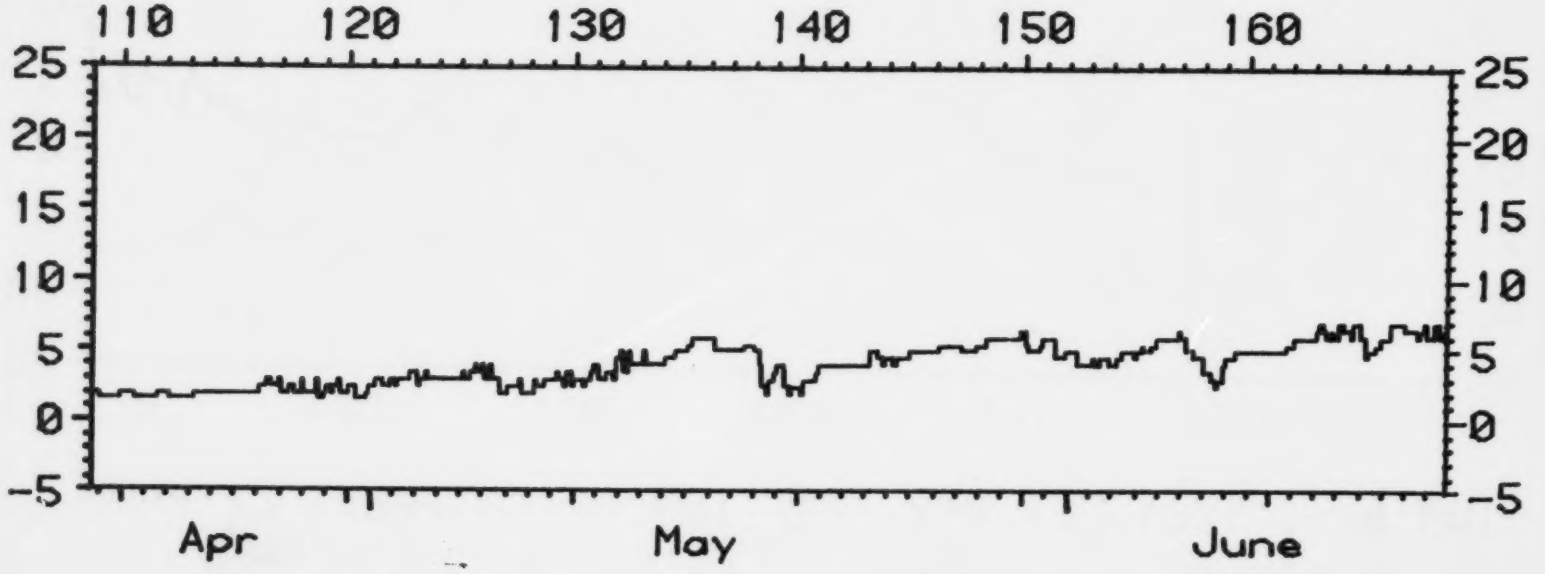


Instrument : 61675

LITTLE BAY MORTIER NFLD. (Page 1)

Pos. : 47.16, 55.11 Depth : 6 meters

Apr 18, 1981 17:30 GMT to June 17, 1981 21:30 GMT

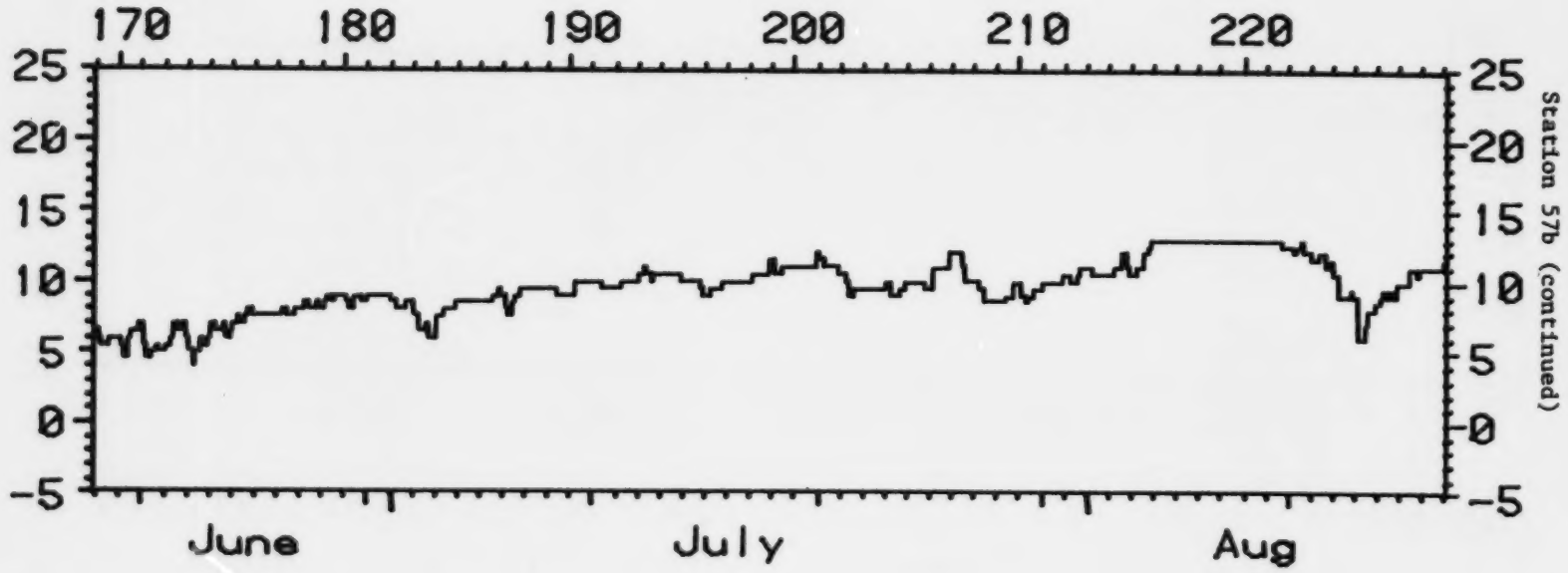


Instrument : 61052

LITTLE BAY MORTIER NFLD. (Page 2)

Pos. : 47.16, 55.11 Depth : 6 meters

June 17, 1981 21:30 GMT to Aug 17, 1981 1:30 GMT

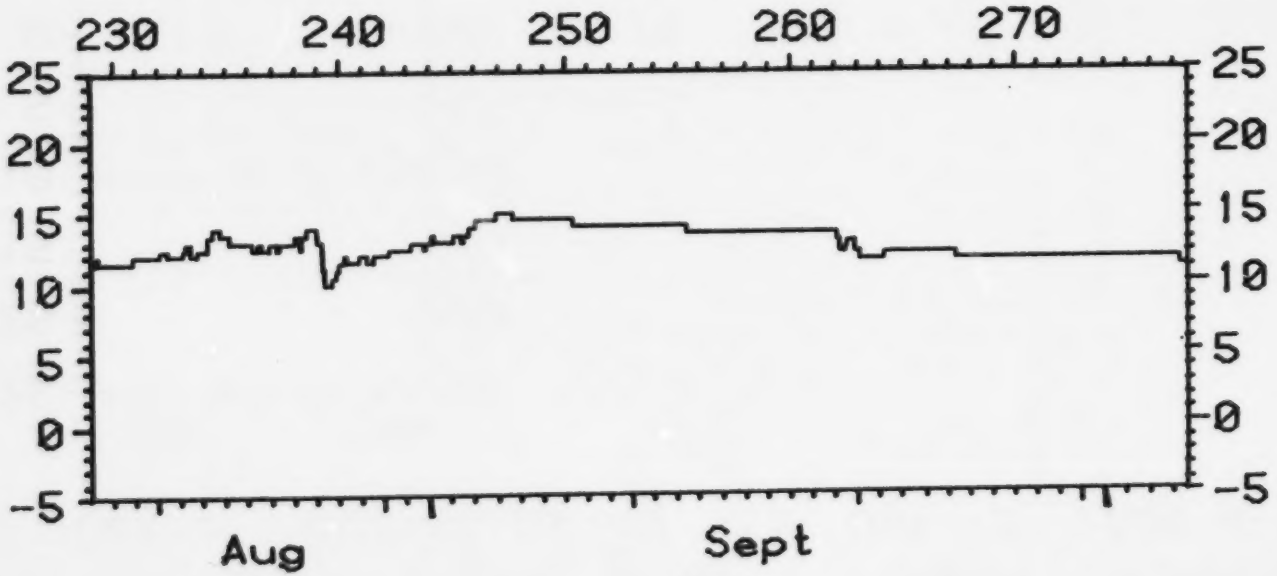


Instrument : 61052

LITTLE BAY MORTIER NFLD. (Page 3)

Pos. : 47.16, 55.11 Depth : 6 meters

Aug 17, 1981 1:30 GMT to Oct 4, 1981 17:30 GMT

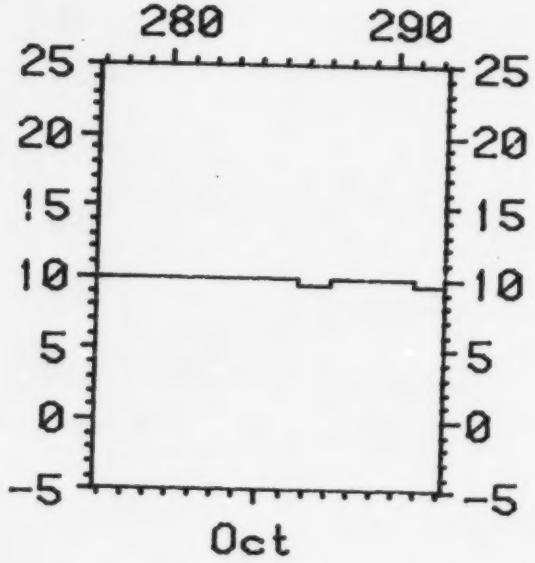


Instrument : 61052

SPENCER'S COVE NFLD.

Pos. : 47.67, 54.08 Depth : 9 meters

Oct 2, 1980 20:15 GMT to Oct 18, 1980 4:15 GMT



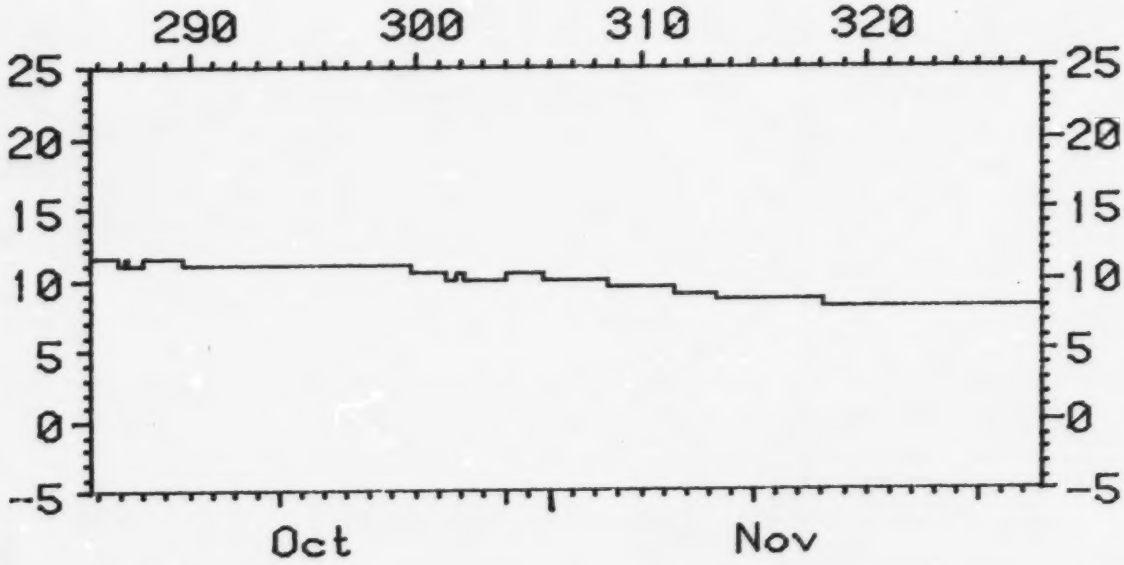
Instrument : 61052

Not moored until paper almost expended

SPENCER'S COVE NFLD.

Pos. : 47.67, 54.08 Depth : 9 meters

Oct 11, 1980 16:30 GMT to Nov 22, 1980 20:30 GMT



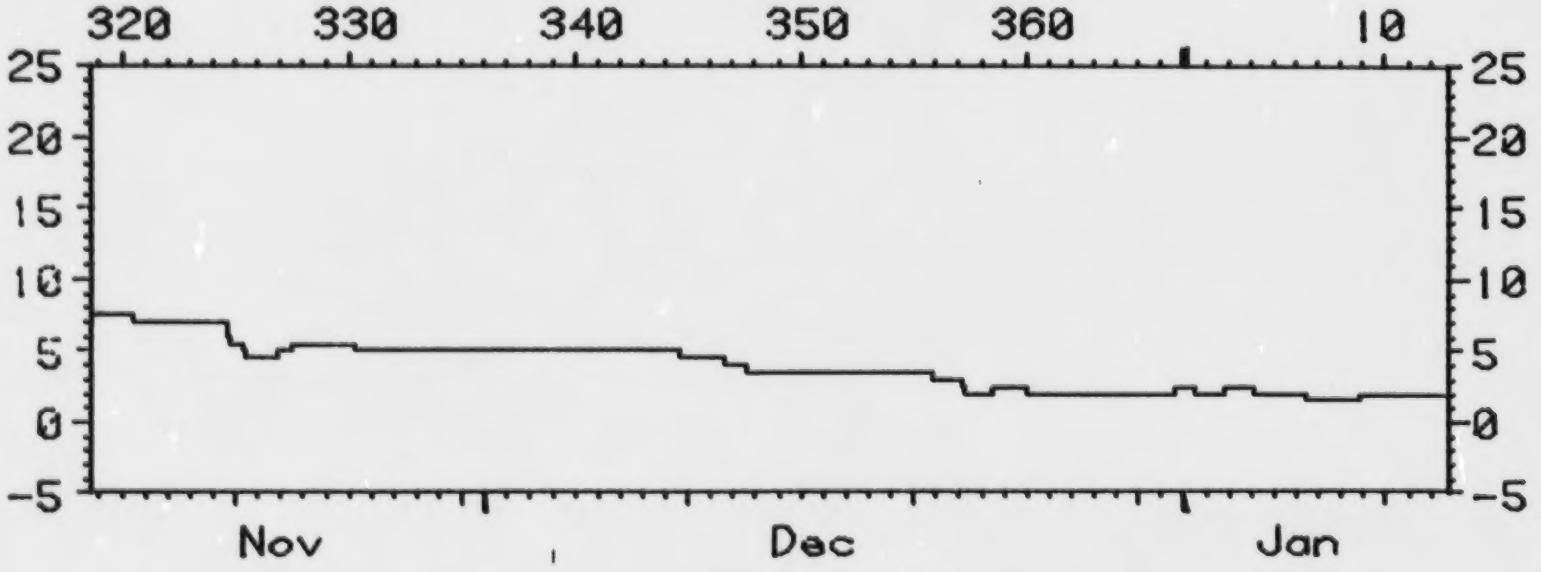
Instrument : 61672

Station 58b

SPENCER'S COVE NFLD. (Page 1)

Pos. : 47.67, 54.08 Depth : 9 meters

Nov 13, 1980 15:30 GMT to Jan 12, 1981 19:30 GMT

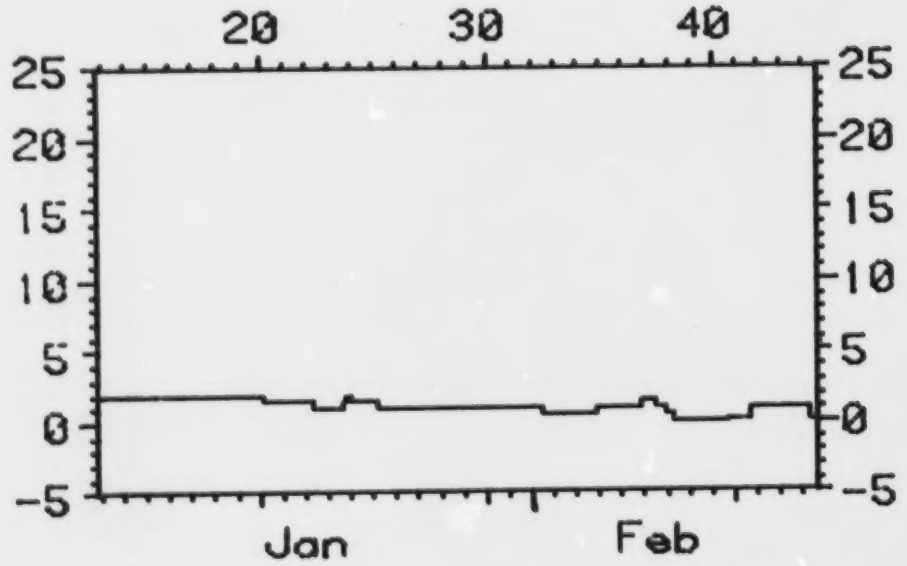


Instrument : 61659

SPENCER'S COVE NFLD. (Page 2)

Pos. : 47.67, 54.08 Depth : 9 meters

Jan 12, 1981 19:30 GMT to Feb 13, 1981 15:30 GMT

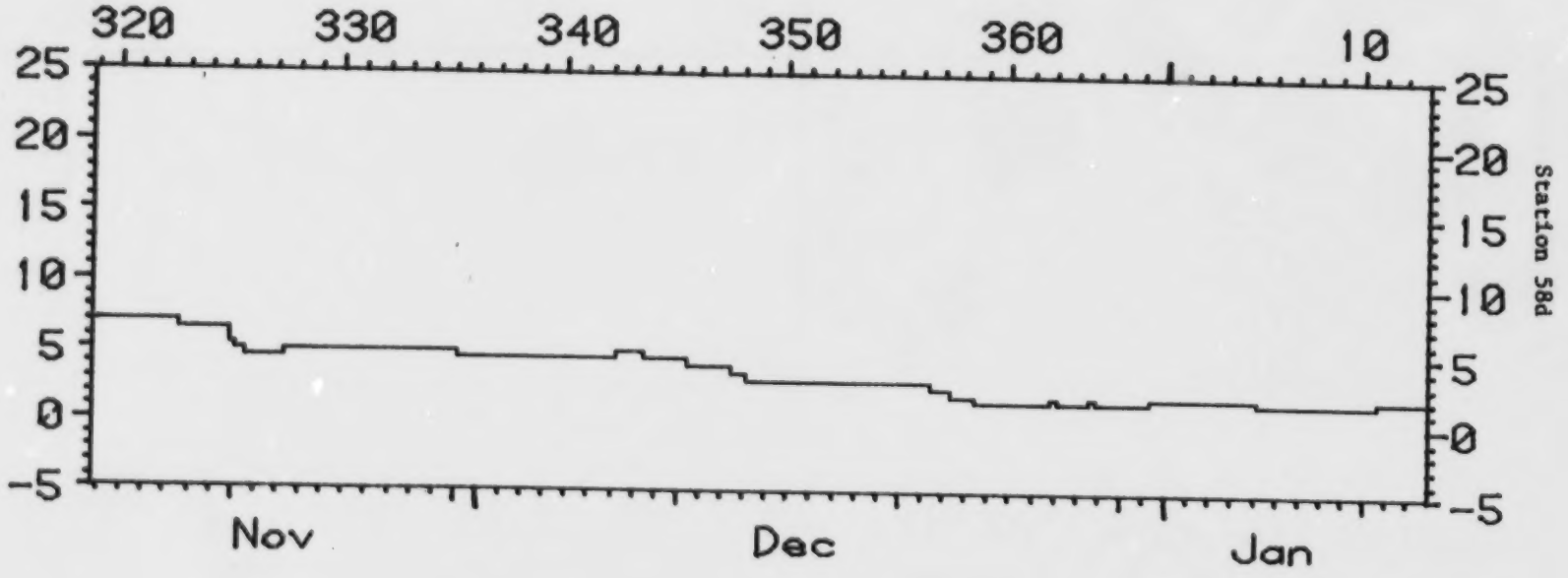


Instrument : 61659

SPENCER'S COVE NFLD. (Page 1)

Pos. : 47.67, 54.08 Depth : 9 meters

Nov 13, 1980 19:00 GMT to Jan 12, 1981 23:00 GMT

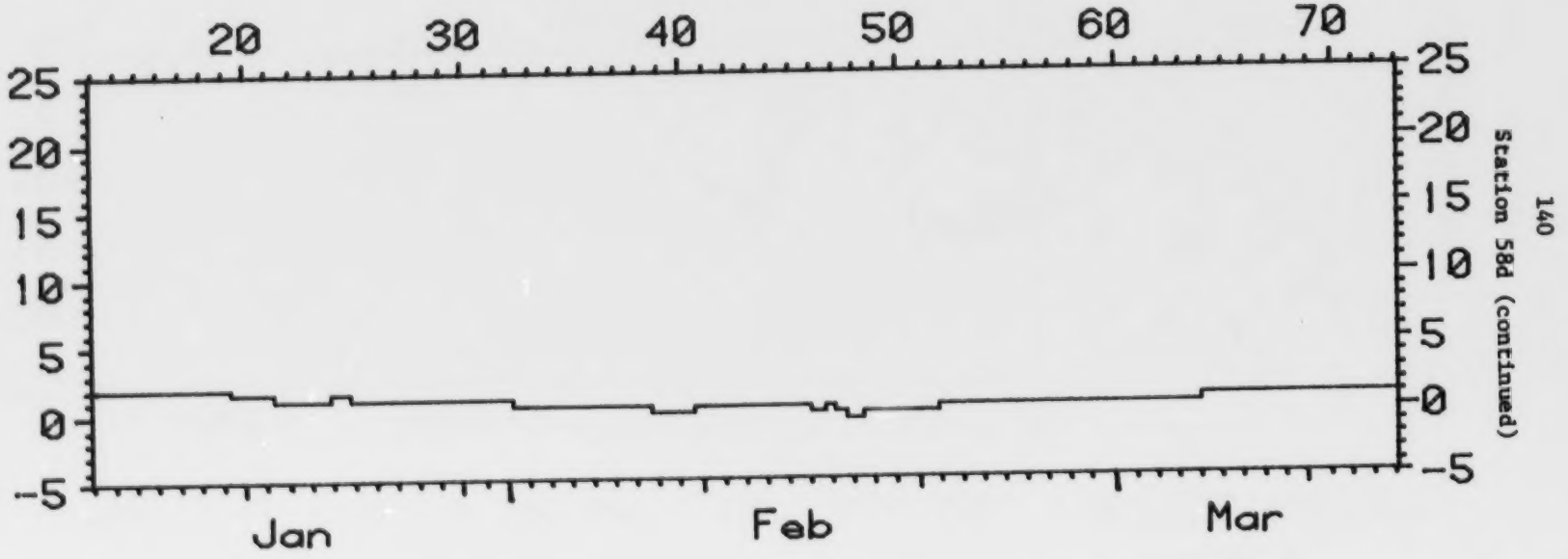


Instrument : 61733

SPENCER'S COVE NFLD. (Page 2)

Pos. : 47.67, 54.08 Depth : 9 meters

Jan 12, 1981 23:00 GMT to Mar 14, 1981 3:00 GMT

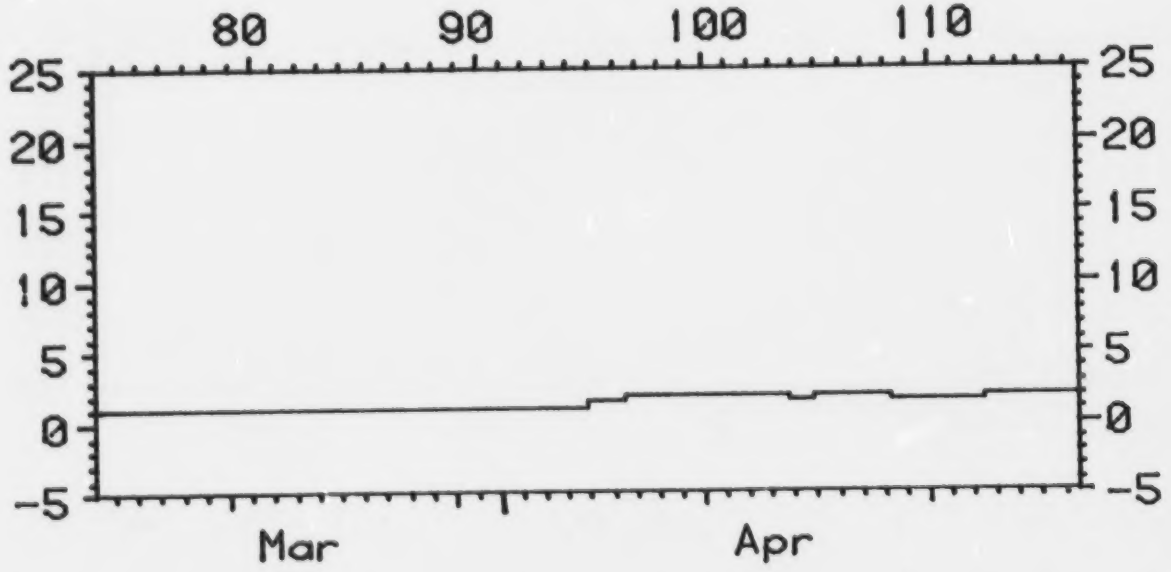


Instrument : 61733

SPENCER'S COVE NFLD. (Page 3)

Pos. : 47.67, 54.08 Depth : 9 meters

Mar 14, 1981 3:00 GMT to Apr 26, 1981 15:00 GMT

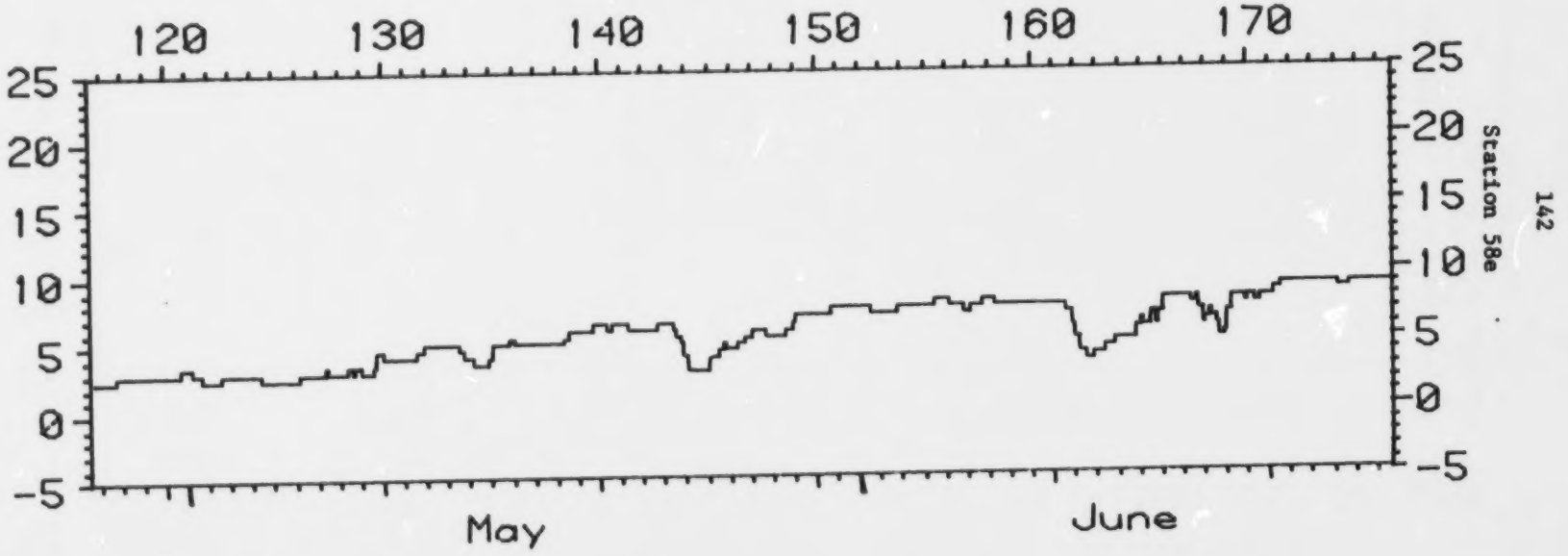


Instrument : 61733

SPENCERS COVE NFLD. (Page 1)

Pos. : 47.67, 54.08 Depth : 9 meters

Apr 26, 1981 12:30 GMT to June 25, 1981 16:30 GMT

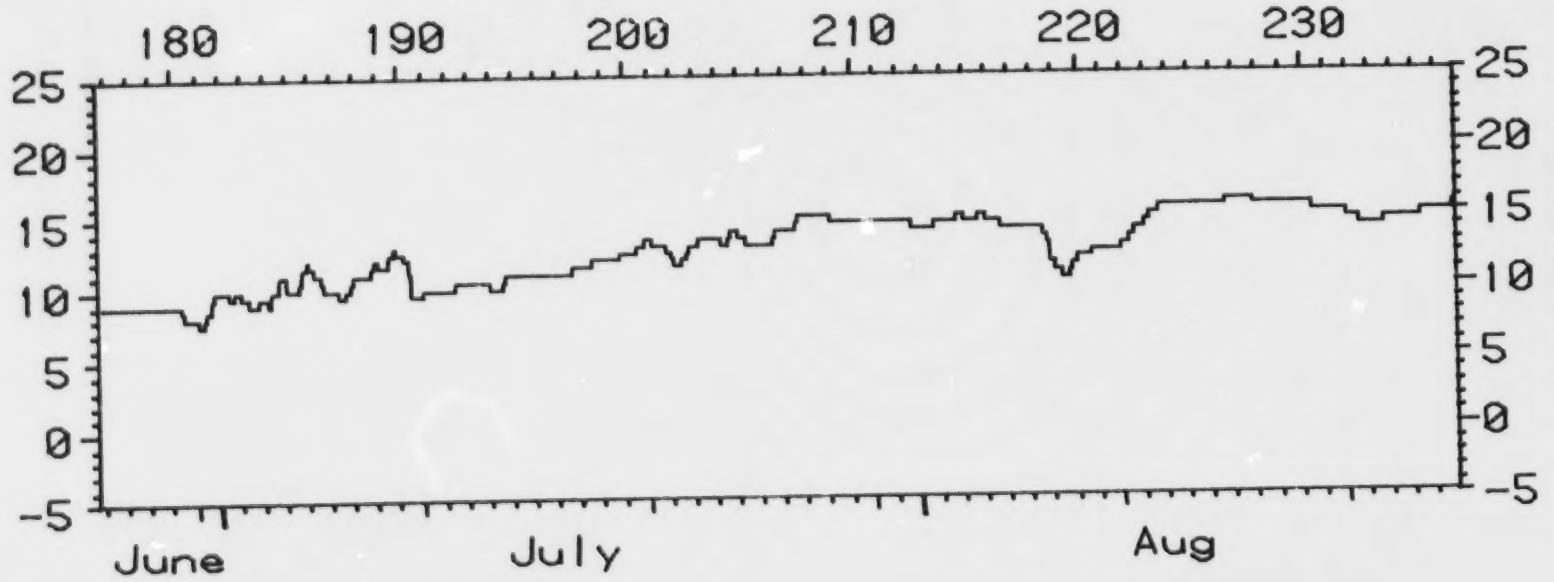


Instrument : 61682

SPENCERS COVE NFLD. (Page 2)

Pos. : 47.67, 54.08 Depth : 9 meters

June 25, 1981 16:30 GMT to Aug 24, 1981 20:30 GMT

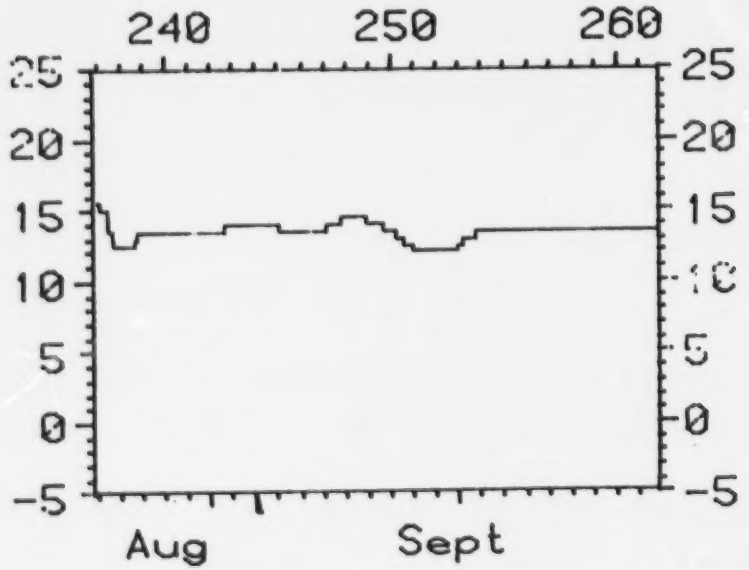


Instrument : 61682

SPENCERS COVE NFLD. (Page 3)

Pos. : 47.67, 54.08 Depth : 9 meters

Aug 24, 1981 20:30 GMT to Sept 18, 1981 20:30 GMT

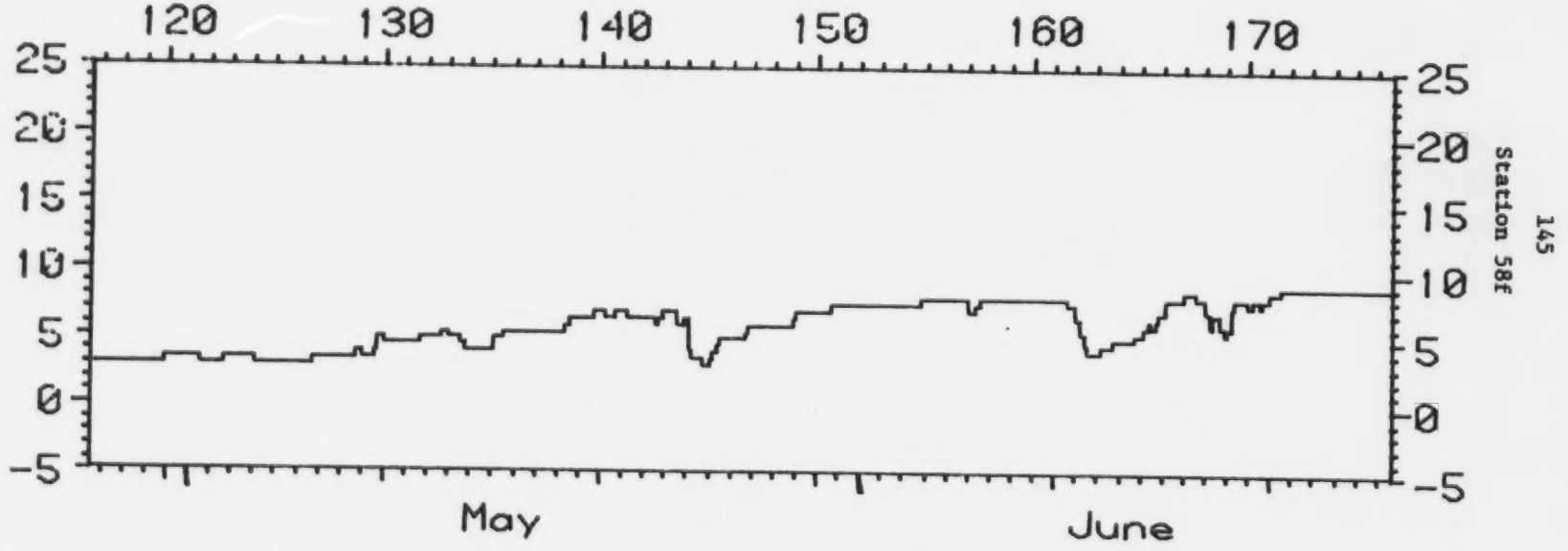


Instrument : 61682

SPENCERS COVE NFLD. (Page 1)

Pos. : 47.67, 54.08 Depth : 9 meters

Apr 26, 1981 12:30 GMT to June 25, 1981 16:30 GMT

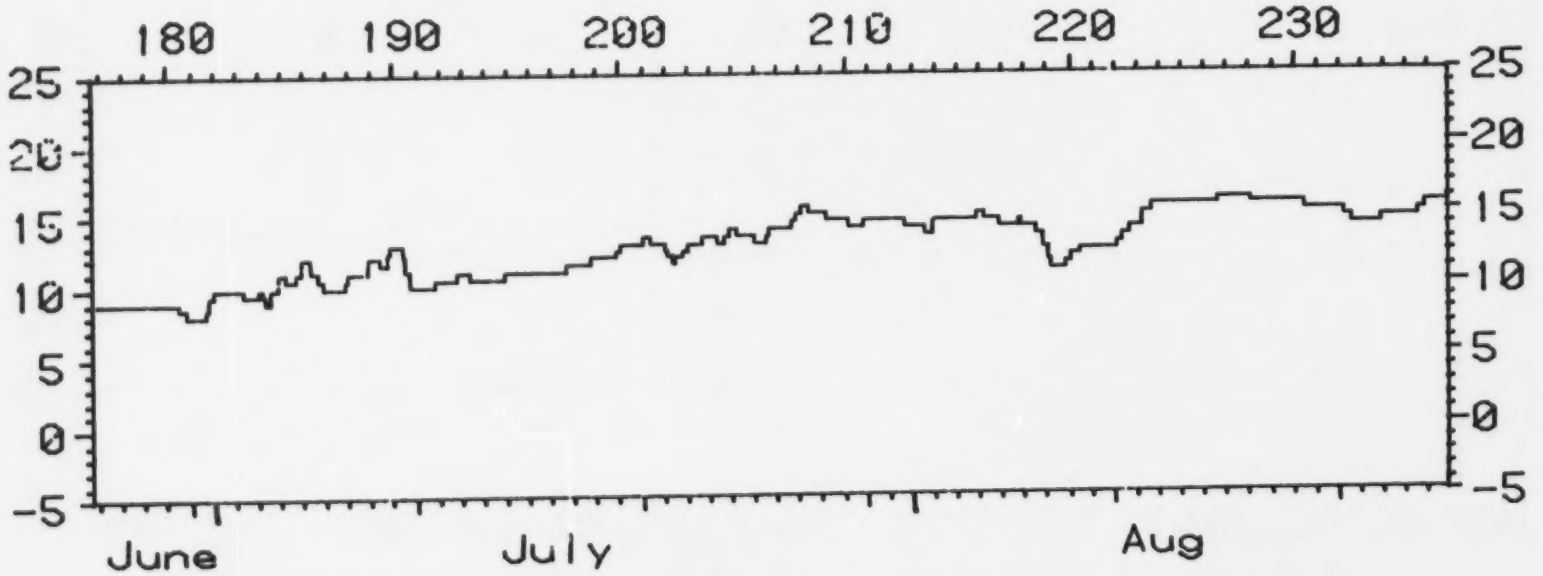


Instrument : 61681

SPENCERS COVE NFLD. (Page 2)

Pos. : 47.67, 54.08 Depth : 9 meters

June 25, 1981 16:30 GMT to Aug 24, 1981 20:30 GMT

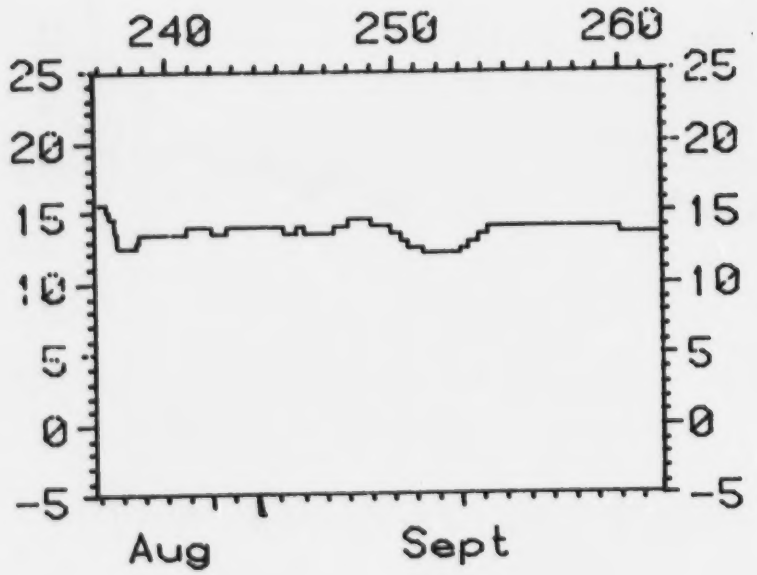


Instrument : 61681

SPENCERS COVE NFLD. (Page 3)

Pos. : 47.67, 54.08 Depth : 9 meters

Aug 24, 1981 20:30 GMT to Sept 18, 1981 20:30 GMT



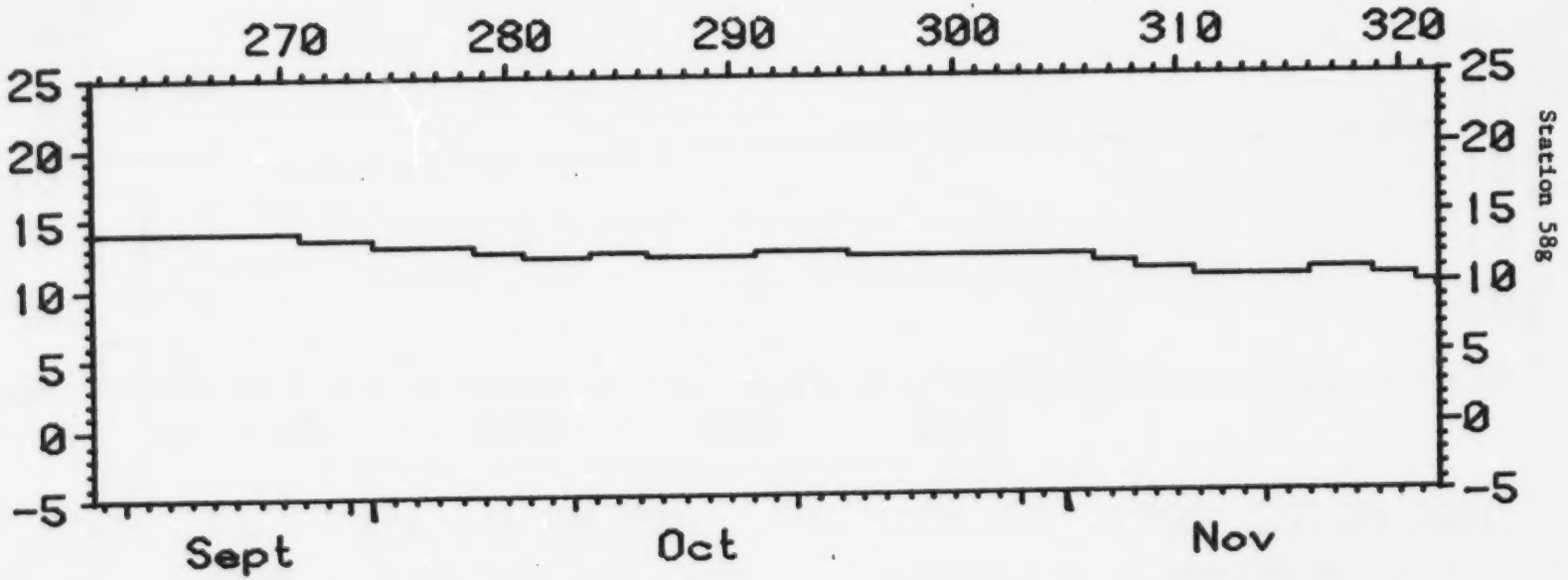
Instrument : 61681

Station 58f (continued)

SPENCER'S COVE NFLD. (Page 1)

Pos. : 47.67, 54.08 Depth : 9 meters

Sept 18, 1981 14:30 GMT to Nov 17, 1981 18:30 GMT

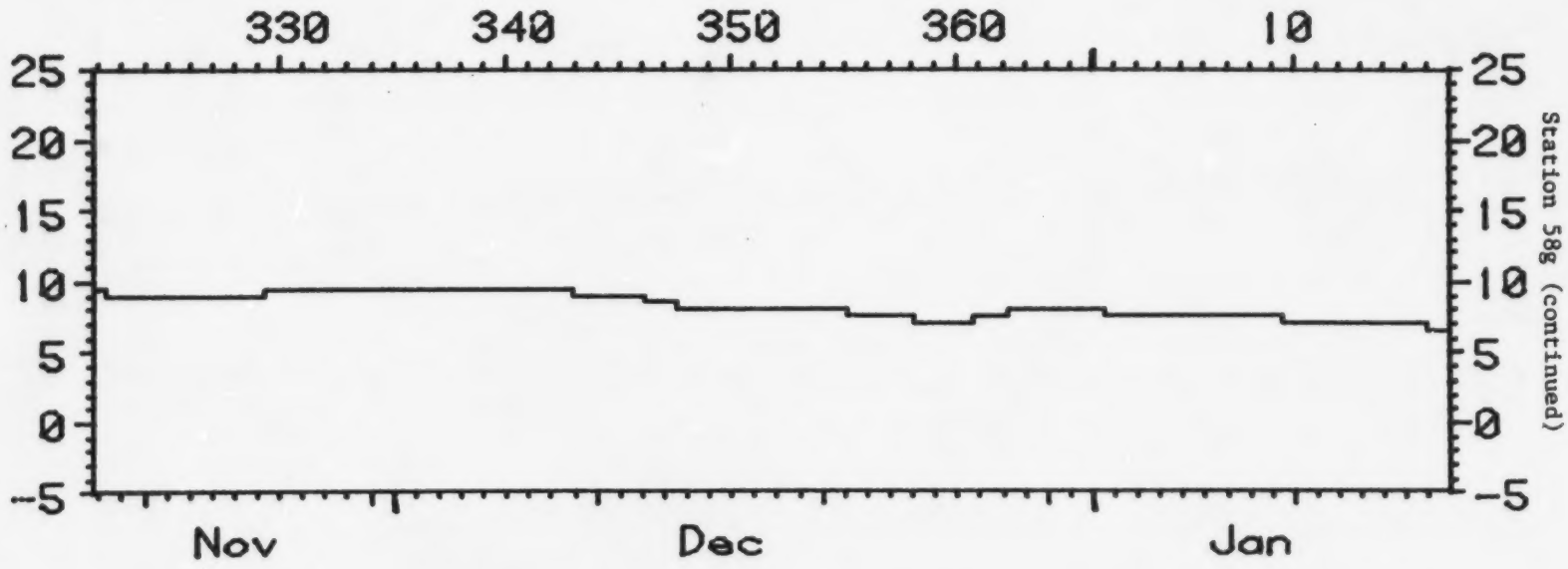


Instrument : 60731

SPENCER'S COVE NFLD. (Page 2)

Pos. : 47.67, 54.08 Depth : 9 meters

Nov 17, 1981 18:30 GMT to Jan 16, 1982 22:30 GMT

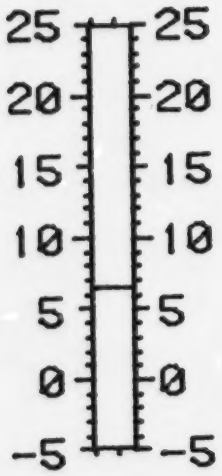


Instrument : 60731

SPENCER'S COVE NFLD. (Page 3)

Pos. : 47.67, 54.08 Depth : 9 meters

Jan 16, 1982 22:30 GMT to Jan 18, 1982 18:30 GMT

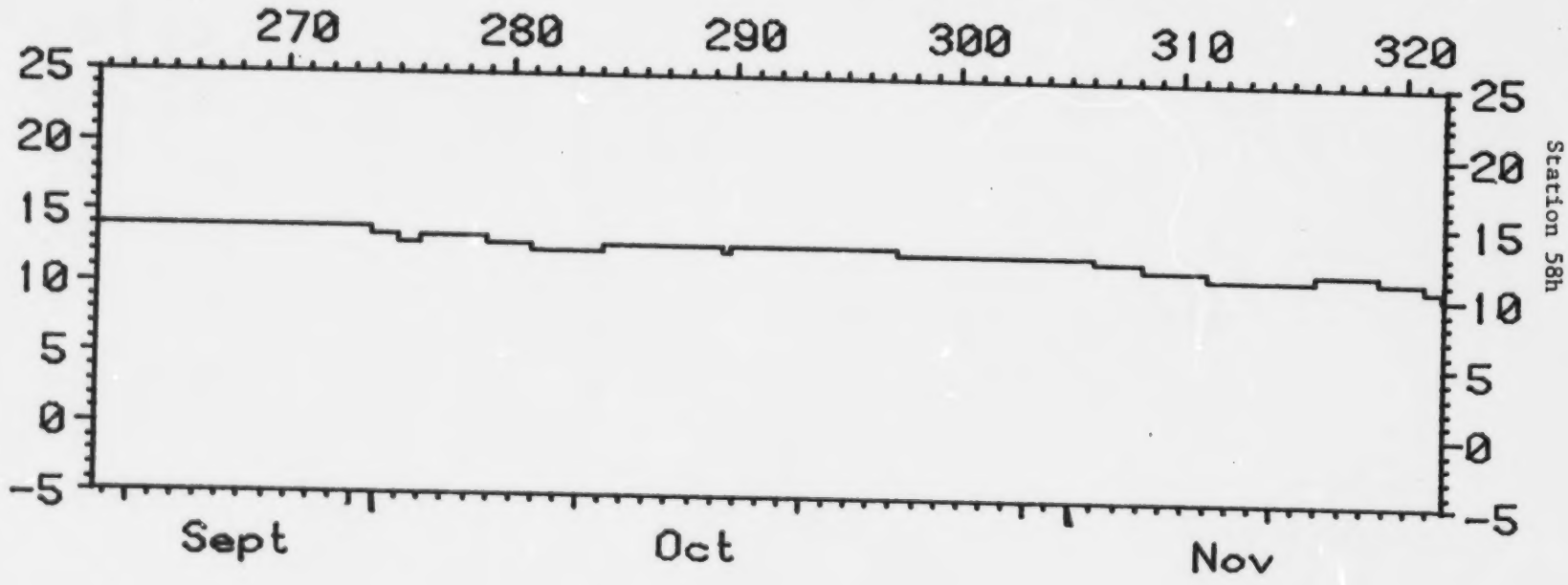


Instrument : 60731

SPENCER'S COVE NFLD. (Page 1)

Pos. : 47.67, 54.08 Depth : 9 meters

Sept 18, 1981 14:30 GMT to Nov 17, 1981 18:30 GMT

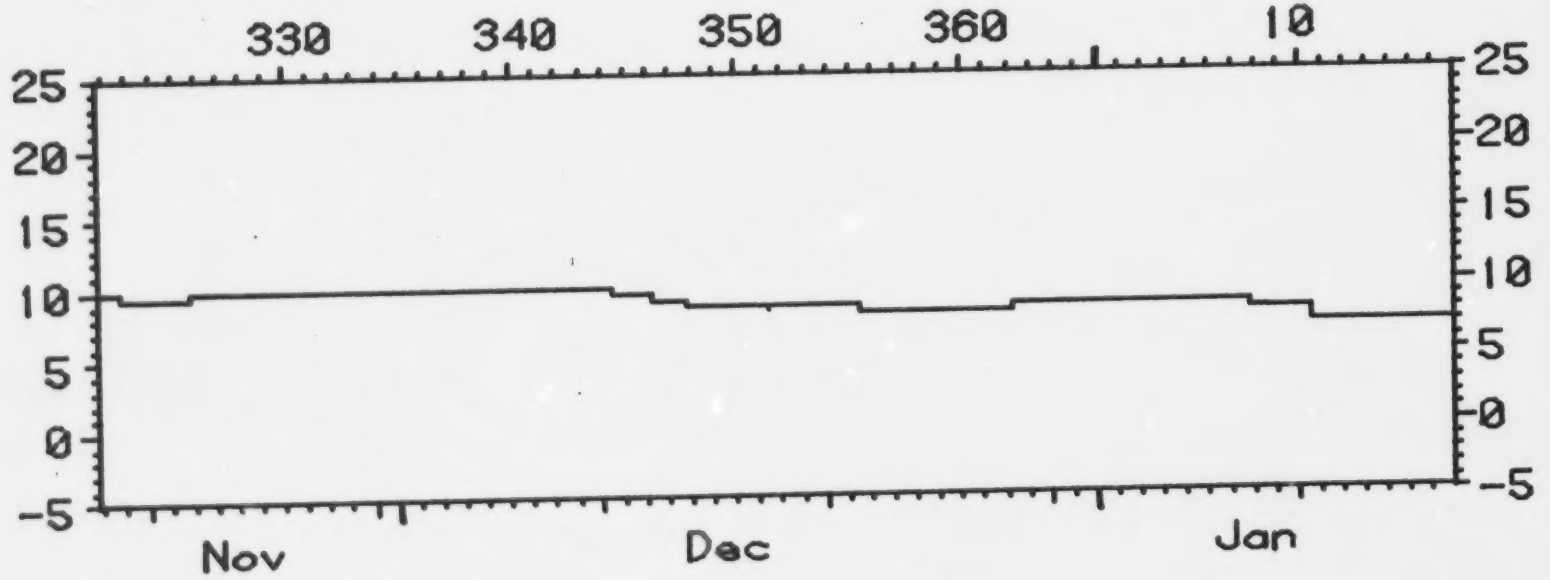


Instrument : 60730

SPENCER'S COVE NFLD. (Page 2)

Pos. : 47.67, 54.08 Depth : 9 meters

Nov 17, 1981 18:30 GMT to Jan 16, 1982 22:30 GMT

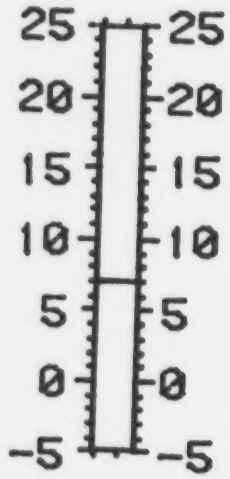


Instrument : 60730

SPENCER'S COVE NFLD. (Page 3)

Pos. : 47.67, 54.08 Depth : 9 meters

Jan 16, 1982 22:30 GMT to Jan 18, 1982 18:30 GMT

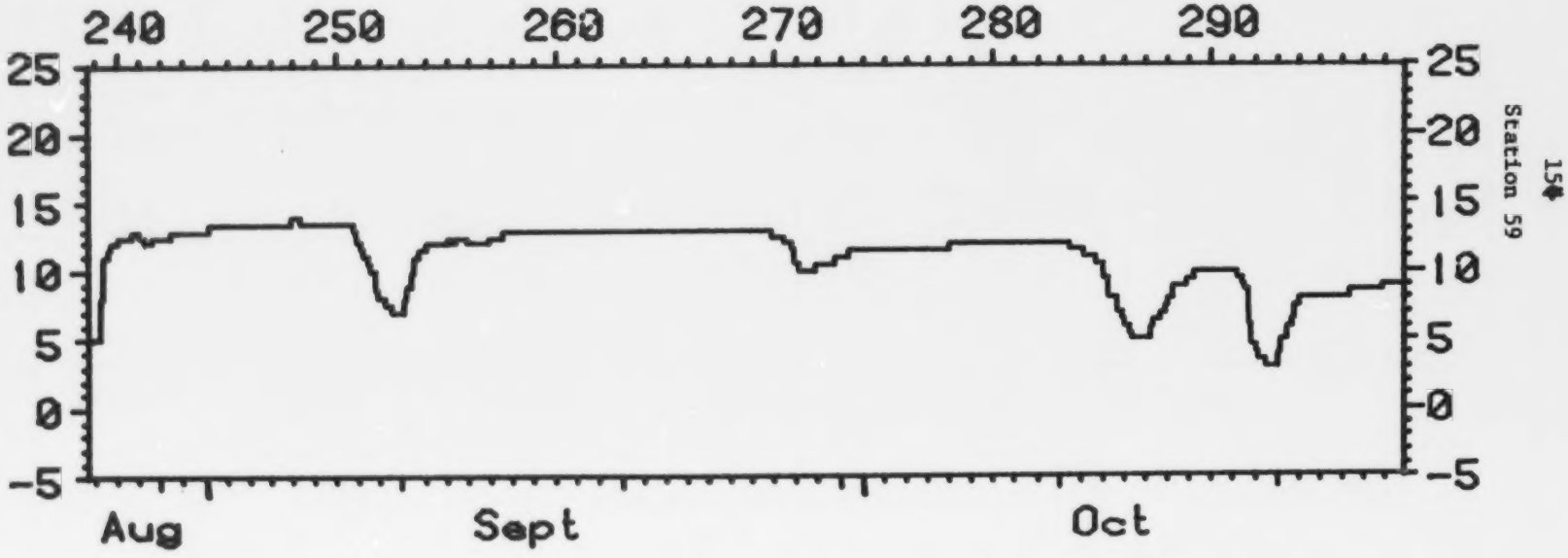


Instrument : 60730

ARNOLDS COVE PLACENTIA BAY NFLD. (Page 1)

Pos. : 47.75, 53.98 Depth : 9 meters

Aug 26, 1981 16:40 GMT to Oct 25, 1981 20:40 GMT

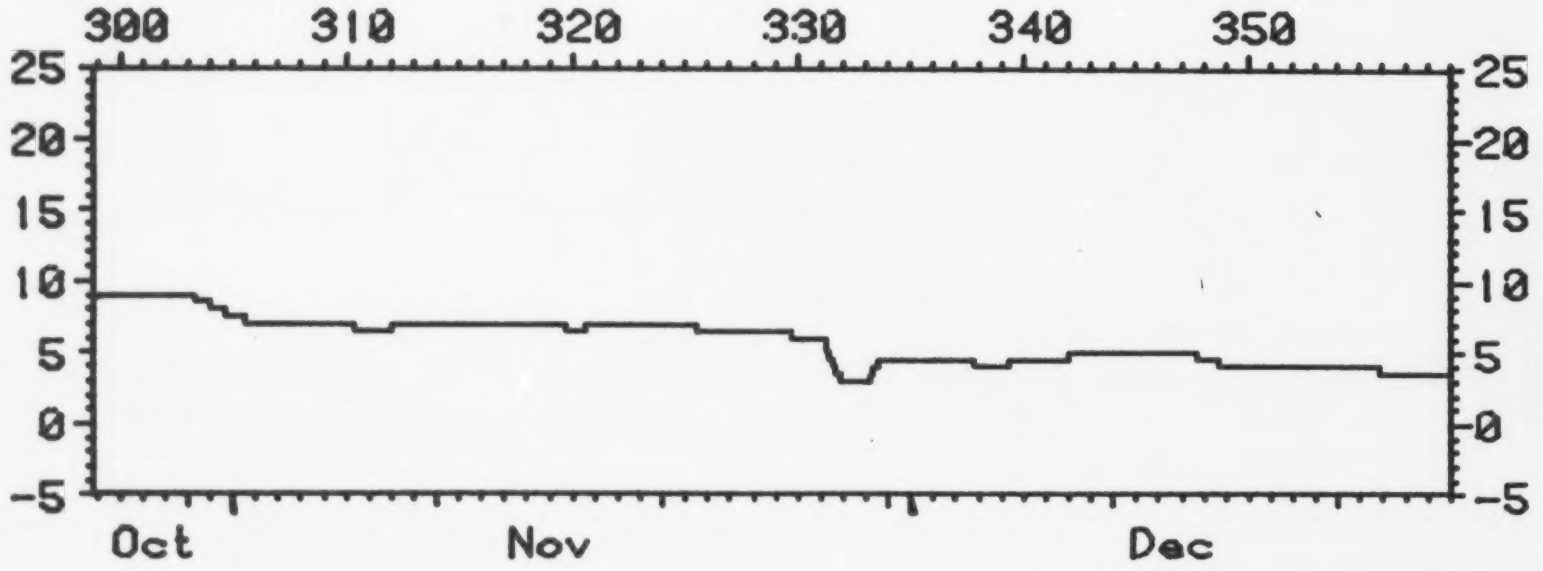


Instrument : 61445

ARNOLDS COVE PLACENTIA BAY NFLD. (Page 2)

Pos. : 47.75, 53.98 Depth : 9 meters

Oct 25, 1981 20:40 GMT to Dec 25, 1981 0:40 GMT

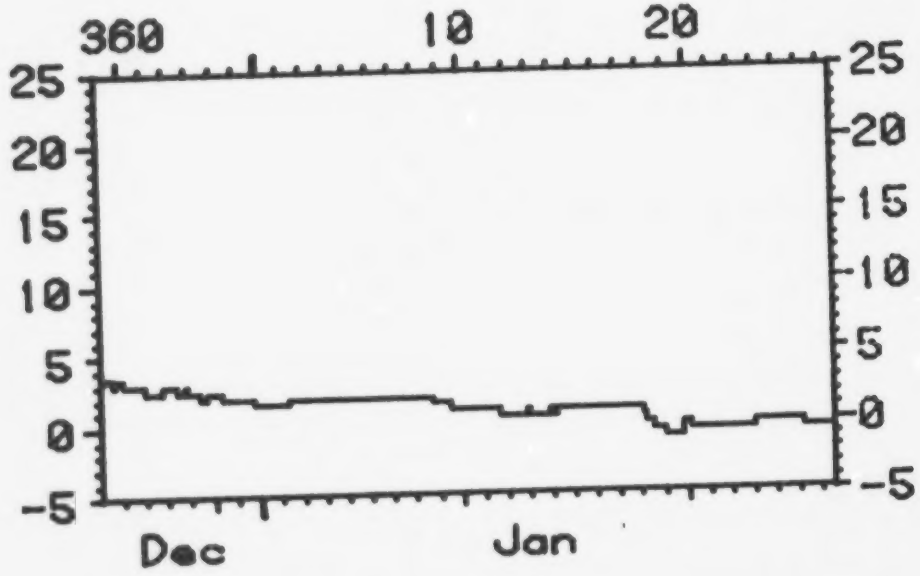


Instrument : 61445

ARNOLDS COVE PLACENTIA BAY NFLD. (Page 3)

Pos. : 47.75, 53.98 Depth : 9 meters

Dec 25, 1981 0:40 GMT to Jan 26, 1982 12:40 GMT

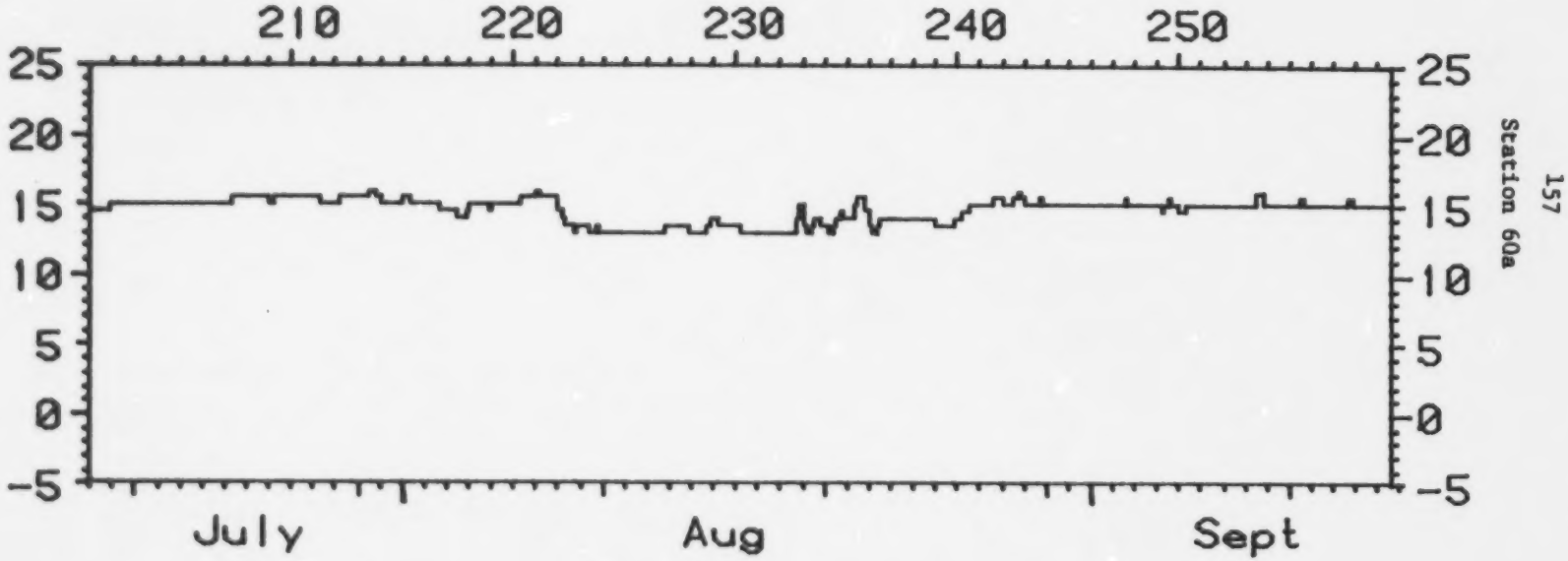


Instrument : 61445

LOGY BAY NFLD.

Pos. : 47.58, 52.67 Depth : 35 meters

July 18, 1980 24:00 GMT to Sept 15, 1980 16:00 GMT

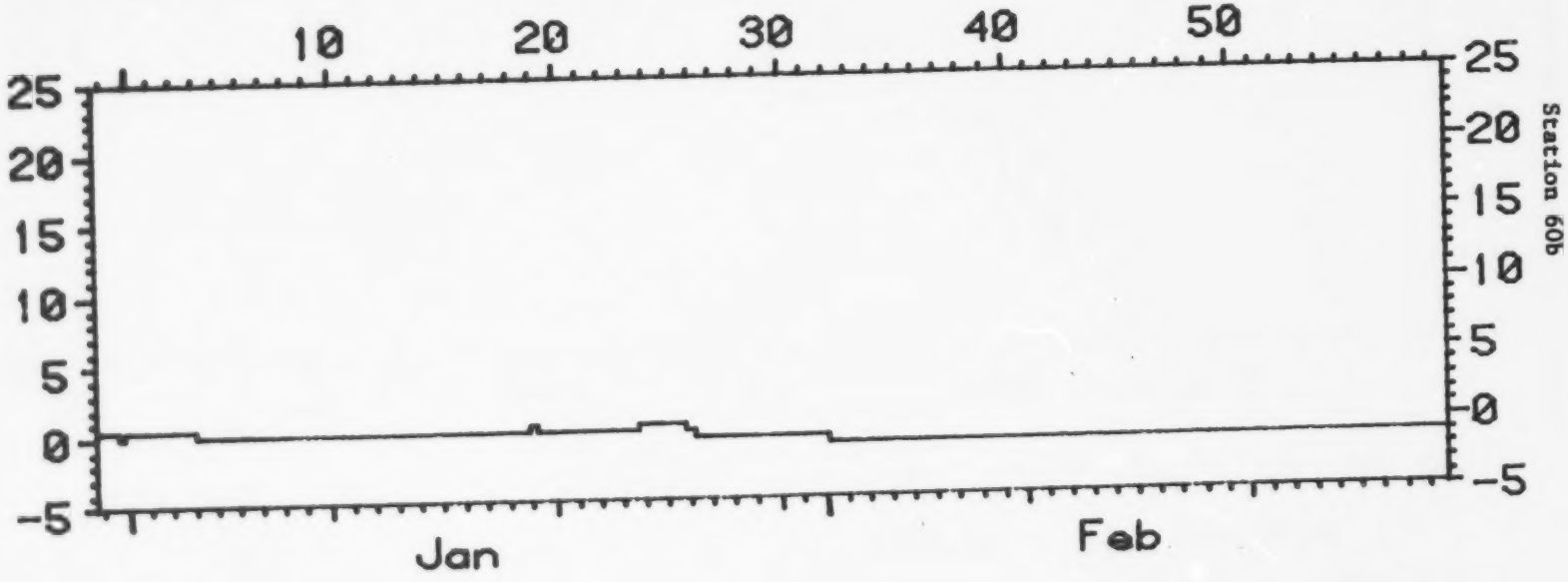


Instrument : 61038

LOGY BAY NFLD. (Page 1)

Pos. : 47.58, 54.3 Depth : 35 meters

Dec 30, 1980 15:30 GMT to Feb 28, 1981 19:30 GMT

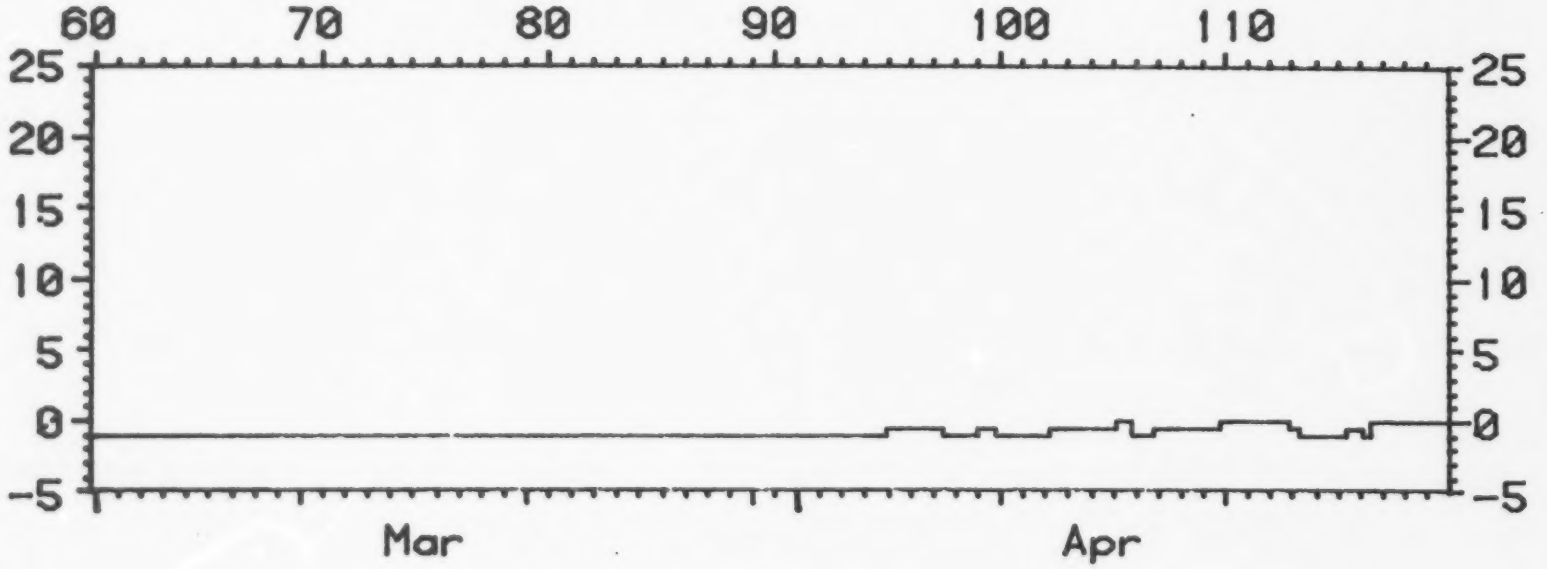


Instrument : 60464

LOGY BAY NFLD. (Page 2)

Pos. : 47.58, 54.3 Depth : 35 meters

Feb 28, 1981 19:30 GMT to Apr 29, 1981 23:30 GMT

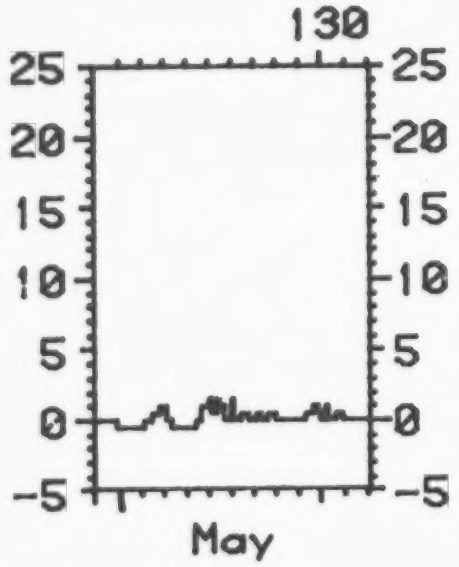


Instrument : 60464

LOGY BAY NFLD. (Page 3)

Pos. : 47.58, 54.3 Depth : 35 meters

Apr 29, 1981 23:30 GMT to May 12, 1981 3:30 GMT



Instrument : 60464

APPENDIX 4

AREA 1 SCOTIA-FUNDY

MEAN DAILY TEMPERATURES, DEGREE DAYS

CHANCE HARBOUR N.B. *

STATION	DEPTH	LATITUDE	LONGITUDE	START
1	0	45.1	66.8	SEPT 24, 1980 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
268	11	5.5	9.9
269	11	16.5	10.5
270	11	27.5	17.5
271	11.08	38.58	24.58
272	11.33	49.92	31.92
273	11.5	61.42	39.42
274	11.5	72.92	46.92
275	11.5	84.42	54.42
276	11.5	95.92	61.92
277	11.5	111.24	71.91

KENNEBECASSIS N.B.

STATION	DEPTH	LATITUDE	LONGITUDE	START
2A	9.1	45.36	65.09	JULY 13, 1981 13:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
194	20	6.67	5.33
195	18.33	25	19.67
196	17.67	42.67	33.33
197	17.17	59.83	46.5
198	16.83	76.17	58.83
199	15.67	91.83	70.5
200	15.06	106.92	81.56
201	15.08	122	92.67

KENNEDECASSIS N.B. ... DATA-DEG

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
202	14.33	130.33	103
203	14.83	131.17	113.33
204	15.25	135.42	125.08
205	15.42	181.83	130.5
206	14.67	190.5	147.17
207	15.08	211.58	158.25
208	15.42	227	169.67
209	14.83	241.83	180.5
210	14.92	256.75	191.42
211	14.42	271.17	201.83
212	14.08	285.25	211.92
213	13.33	298.58	221.25
214	13.42	312	230.67
215	13.25	325.25	239.92
216	12.83	338.08	248.75
217	12.5	350.58	257.25
218	12.33	362.92	265.58
219	12.58	375.5	274.17
220	13.08	388.58	283.25
221	15	403.58	294.25
222	14.42	418	304.67
223	15.92	433.92	315.58
224	16.75	450.67	329.33
225	18.42	469.08	343.75
226	18.25	487.33	358
227	17.75	505.08	371.75
228	15	520.08	382.75
229	16	536.08	393.75
230	17.17	554.25	408.92
231	16.25	570.5	421.17
232	15.83	586.33	433
233	15.25	602.58	445.25
234	16.25	618.83	457.5
235	16	634.83	469.5
236	14.25	649.08	479.75
237	17.75	666.83	493.5
238	16.5	683.33	506
239	15.83	699.17	517.83
240	15.75	714.92	529.58
241	15.5	730.42	541.08
242	13.42	743.83	550.5
243	13.92	757.75	560.42
244	14	771.75	570.42
245	13.5	785.25	579.92
246	16.08	801.33	592
247	16.08	817.42	604.08
248	16.33	833.75	616.42
249	16.92	850.67	629.33
250	17.58	868.25	642.42
251	17.75	886	655.67
252	16	902	667.67
253	16.35	918.35	681.02
254	16.67	935.02	693.08

KENNEBECASSIS R.B. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
255	15.67	950.58	703.33
256	15.58	965.27	716.83
257	13.42	979.08	726.33
258	13.58	993.27	735.83
259	14.17	1007.43	746.1
260	14.67	1022.1	756.77
261	14.17	1036.27	765.93
262	13.32	1049.58	775.25
263	12.83	1062.42	785.08
264	11.58	1074	792.67
265	13.5	1087.5	802.17
266	13.92	1101.42	812.08
267	12.58	1114	820.67
268	12.17	1126.17	829.83
269	11.42	1137.58	838.25
270	11	1148.58	843.25
271	11.42	1160	850.67
272	11.42	1171.42	858.09
273	12.17	1183.58	866.25
274	12.08	1195.67	874.33
275	11.58	1207.25	881.92
276	11.5	1218.75	889.42
277	11.5	1230.25	896.92
278	11	1241.25	903.92
279	11	1252.25	910.92
280	11	1263.25	917.92
281	11	1274.25	924.92
282	11	1285.25	931.92
283	10.83	1296.08	938.75
284	10.25	1306.33	945
285	9.83	1316.17	950.83
286	9.5	1325.67	956.33
287	9.5	1335.17	961.83
288	9.5	1344.67	967.33
289	9.5	1354.17	972.83
290	9.17	1363.33	978
291	9.17	1372.5	983.17
292	9.5	1382	988.67
293	9.17	1391.17	993.83
294	8.67	1399.84	998.5
295	9	1408.84	1003.5
296	9	1417.84	1008.5
297	9	1426.84	1013.5
298	8.92	1435.75	1018.42
299	8.92	1444.67	1023.33
300	9	1453.67	1028.33
301	9	1465.65	1035

KENNEBECASSIS N.B.

STATION	DEPTH	LATITUDE	LONGITUDE	START
2B	38.4	45.36	66.05	JULY 13, 1961 1830 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
194	5	1.67	3.33
195	5	3.67	1.33
196	5	11.67	2.33
197	5	16.67	3.33
198	5	21.67	4.33
199	5	26.67	5.33
200	5	31.67	6.33
201	5	36.67	7.33
202	5	41.67	8.33
203	5	46.67	9.33
204	5	51.67	10.33
205	5	56.67	11.33
206	5	61.67	12.33
207	5	66.67	13.33
208	5	71.67	14.33
209	5	76.67	15.33
210	5.5	82.17	15.66
211	5.5	87.67	18.33
212	5.75	93.42	20.08
213	6	99.42	22.00
214	6.25	105.67	24.33
215	7	112.67	27.33
216	7.17	119.83	30.5
217	7.92	127.75	34.42
218	8	135.75	38.42
219	8.17	143.92	42.58
220	8.92	152.83	47.5
221	9	161.83	52.5
222	9	170.83	57.5
223	9	179.83	62.5
224	9	188.83	67.5
225	9	197.83	72.5
226	9	206.83	77.5
227	9	215.83	82.5
228	8.5	224.33	87
229	8.5	232.83	91.5
230	8.5	241.33	96
231	8	249.33	100
232	8	257.33	104
233	8	265.33	108
234	8	273.33	112
235	8	281.33	116
236	7.75	289.08	119.75
237	7.5	296.58	123.25
238	7.5	304.08	126.75
239	7.25	311.33	130
240	7	318.33	133
241	7	325.33	136
242	7	332.33	139
243	7	339.33	142

KENNEBECASSIS N.B. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
244	7	346.33	145
245	7	353.33	146
246	7	360.33	151
247	7	367.33	154
248	7	374.33	157
249	7	381.33	160
250	7	388.33	163
251	7	395.33	166
252	7	402.33	169
253	7	409.33	172
254	7	416.33	175
255	7	423.33	178
256	7	430.33	181
257	7	437.33	184
258	7	444.33	187
259	7	451.33	190
260	7.58	458.92	193.58
261	8.17	467.08	197.75
262	8.67	475.75	202.42
263	9.17	484.92	207.58
264	9.5	494.42	213.08
265	9.5	503.92	218.58
266	9.5	513.42	224.08
267	9.5	522.92	229.58
268	9.5	532.42	235.08
269	9.5	541.92	240.58
270	9.5	551.42	246.08
271	9.5	560.92	251.58
272	9.5	570.42	257.08
273	9.5	579.91	262.96
274	9.5	589.41	268.08
275	9.5	598.91	273.58
276	9.5	608.41	279.08
277	9.5	617.91	284.58
278	9.25	627.16	289.83
279	9	636.16	294.83
280	9	645.16	299.83
281	9	654.16	304.83
282	9	663.16	309.83
283	9	672.16	314.83
284	9	681.16	319.83
285	9	690.16	324.83
286	9	699.16	329.83
287	9	708.16	334.83
288	8.5	716.66	339.33
289	8.5	725.16	343.83
290	8.5	733.66	348.33
291	8.5	742.16	352.83
292	8.5	750.67	357.33
293	8.5	759.17	361.83
294	8.5	767.67	366.33
295	8.5	776.17	370.83
296	8.5	784.67	375.33

KENNEBECASSIS N.B. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
297	8.5	7[illegible].17	3[illegible].83
298	8.5	301.67	2[illegible].33
299	8.5	310.17	3[illegible].83
300	8.5	325.74	3[illegible].63

KENNEBECASSIS N.B.

STATION	DEPTH	LATITUDE	LONGITUDE	START
2[illegible]	9.1	45.31	66.13	JULY [illegible] 1981 [illegible] GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
194	13.5	2.25	1.35
195	14.08	16.33	1[illegible].67
196	13.67	30	21.33
197	13.67	43.67	31
198	13.92	57.58	46.92
199	14	71.58	60.92
200	13.75	85.33	76.67
201	13.92	99.25	90.58
202	13.58	112.83	104.17
203	13.75	126.58	119.92
204	13.75	140.33	134.67
205	13.83	154.17	149.5
206	13.58	167.75	164.08
207	13.5	181.25	178.58
208	13.83	195.08	193.42
209	13.92	209	208.33
210	13.58	222.58	222.92
211	13.58	236.17	237.5
212	13.08	249.25	252.58
213	12.42	261.67	268
214	12.33	274	283.33
215	12.92	286.92	298.25
216	13.08	300	313.33
217	12.83	312.83	328.17
218	13.33	326.17	343.5
219	12.25	338.42	357.75
220	11.33	349.75	369.08
221	11.67	361.42	382.75
222	11.33	372.75	396.08
223	11.08	383.83	407.17
224	9.5	393.33	417.67
225	9.5	402.83	427.17
226	9.33	412.17	438.5
227	9.92	422.08	449.42
228	9.67	431.75	459.08
229	11.08	442.83	472.17
230	11.58	454.42	489.75
231	10.5	464.92	499.25
232	10.33	475.25	512.58
233	10.92	486.17	529.5
234	11.58	497.75	537.08
235	10.67	508.42	543.75

KENNEBECASSIS R.B. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
235	11.07	520.00	351.42
237	11.5	531.08	358.92
238	11.42	543	366.33
239	11.58	554.58	373.92
240	12.33	566.92	382.25
241	12.92	579.83	391.17
242	12.83	592.67	400
243	12.75	605.42	408.75
244	12.58	618.25	417.58
245	12.83	631.08	426.42
246	13.17	644.25	435.25
247	13.58	657.83	445.17
248	13.83	671.67	455
249	13.75	685.42	464.75
250	13.17	698.58	473.67
251	13.67	712.25	483.08
252	14	726.25	492.75
253	14.33	740.58	503.92
254	14.42	755	514.33
255	13.83	768.83	524.17
256	13.33	782.17	533.25
257	13.83	796	543.33
258	13.58	809.58	552.92
259	13.17	822.75	562.08
260	13	835.75	571.08
261	12.42	848.17	579.5
262	12.67	860.83	588.17
263	10.25	871.08	594.42
264	11.67	882.75	602.08
265	12.08	894.83	610.17
266	12.25	907.08	618.42
267	11.92	919	626.33
268	10.92	929.92	633.75
269	10.75	940.67	640
270	10.25	950.92	648.25
271	10.58	961.5	655.42
272	10.67	972.17	662.75
273	10	982.17	669.5
274	10	992.17	676.25
275	10.75	1002.92	683.58
276	10.33	1013.25	691
277	10.42	1023.67	697.5
278	10.5	1034.17	704.42
279	10.92	1045.08	712.92
280	10.5	1055.58	719.92
281	10.52	1066.1	727.43
282	10.5	1076.6	734.58
283	10.25	1086.85	741.58
284	10	1096.85	748.42
285	10	1106.85	755.25
286	9.67	1116.52	761.83
287	9.5	1126.02	768.33
288	9.5	1135.52	774.83

KENNEBECASSIS N.B. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
289	9.3	1145.02	754.35
290	9.3	1154.32	759.85
291	9.3	1163.62	765.35
292	9.33	1173.35	771.35
293	9.3	1182.65	776.85
294	9.33	1192.19	782.85
295	9	1201.19	788.52
296	9	1210.19	794.52
297	9	1219.19	800.52
298	9	1228.19	806.52
299	9	1237.19	812.52
300	9	1246.19	818.52

KENNEBECASSIS N.B.

STATION	DEPTH	LATITUDE	LONGITUDE	START
20	36.9	45.36	65.04	JULY 13, 1981 17:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
194	5.5	1.83	.5
195	6.17	9	2.07
196	8.83	10.83	7.5
197	10.67	27.5	14.17
198	10.67	38.17	20.83
199	10.5	48.67	27.33
200	10.5	59.17	33.83
201	10.67	69.83	40.5
202	11.33	81.17	47.33
203	11.58	92.75	55.42
204	11.08	103.83	62.5
205	11	114.83	69.5
206	11.08	125.92	76.58
207	11.25	137.17	83.83
208	12.42	149.58	92.25
209	12.83	162.42	101.09
210	13	175.42	110.08
211	13	188.42	119.08
212	13	201.42	128.08
213	13	214.42	137.08
214	13.17	227.58	146.25
215	13.5	241.08	155.75
216	13.5	254.58	165.25
217	13.5	268.08	174.75
218	13.5	281.58	184.25
219	13.5	295.08	193.75
220	13.5	308.58	203.25
221	13.5	322.08	212.75
222	13.5	335.58	222.25
223	13.5	349.08	231.75
224	13.33	362.42	241.09
225	13	375.42	250.08
226	13	388.42	259.08
227	13	401.42	268.08

KENNEBECASSIS R.B. ... CONTINUED

DAY NUMBER	PEAK TEMP.	DEG. DAY (C)	DEG. DAY (F)
229	13	424.92	677.00
229	13	427.42	286.08
230	12.58	440	294.67
231	12.5	452.5	303.17
232	12.33	464.83	311.5
233	12	476.83	319.5
234	12	488.83	327.5
235	12	500.83	335.5
236	11.67	512.5	343.17
237	11.5	524	350.67
238	11.25	535.25	357.92
239	11	546.25	365.25
240	11	557.25	372.92
241	10.92	568.17	378.83
242	10.5	578.67	385.33
243	10.5	589.17	391.83
244	10.5	599.67	398.33
245	10.08	609.75	404.42
246	10	619.75	410.42
247	10	629.75	416.42
248	10	639.75	422.42
249	10	649.75	428.42
250	9.58	659.33	434
251	9.5	668.83	439.5
252	9.5	678.33	445
253	9.5	687.83	450.5
254	10.75	698.58	457.25
255	12.33	710.92	465.58
256	13.25	724.17	474.83
257	13.5	737.67	484.33
258	13.5	751.17	493.83
259	13.5	764.67	503.33
260	13.5	778.17	512.83
261	13.5	791.67	522.33
262	13.5	805.17	531.83
263	13.5	818.67	541.33
264	13.08	831.75	550.42
265	13	844.75	559.42
266	13	857.75	568.42
267	13	870.75	577.42
268	13	883.75	586.42
269	13	896.75	595.42
270	13	909.75	604.42
271	13	922.75	613.42
272	12.58	935.33	622
273	12.5	947.83	630.5
274	12.5	960.33	639
275	12.3	982.88	654.21

KENNEBECASSIS N.B.

STATION	DEPTH	LATITUDE	LONGITUDE	START
QE	15.2	45.36	65.04	JULY 13, 1981 17:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
194	7	2.33	1
195	8.17	10.5	5.17
196	7.92	18.42	9.08
197	8.75	27.17	13.83
198	7.92	35.08	17.75
199	8.5	43.58	22.25
200	8.75	52.33	27
201	8.83	61.17	31.83
202	8.67	69.83	36.5
203	8.83	78.67	41.33
204	9.08	87.75	46.42
205	10.33	98.08	52.75
206	9	107.08	57.75
207	9.42	116.5	63.17
208	9.83	126.33	69
209	9.42	135.75	74.42
210	9.33	145.08	79.75
211	10	155.08	85.75
212	9.58	164.67	91.33
213	9.83	174.5	97.17
214	10.17	184.67	103.33
215	10.17	194.83	109.5
216	10	204.83	115.5
217	9.92	214.75	121.42
218	9.83	224.58	127.25
219	9.33	233.92	132.58
220	8.67	242.58	137.25
221	9	251.58	142.25
222	9	260.58	147.25
223	9	269.58	152.25
224	9	278.58	157.25
225	9	287.58	162.25
226	9	296.58	167.25
227	9	305.58	172.25
228	9	314.58	177.25
229	9.17	323.75	182.42
230	9	332.75	187.42
231	9	341.75	192.42
232	9	350.75	197.42
233	9	359.75	202.42
234	9	368.75	207.42
235	9	377.75	212.42
236	8.5	386.25	216.92
237	8.5	394.75	221.42
238	8.5	403.25	225.92
239	8.5	411.75	230.42
240	8.5	420.25	234.92
241	8.5	428.75	239.42
242	8.08	436.83	243.5
243	8	444.83	247.5

KENNEBECASSIS [illegible] CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
240	8	4[illegible]	2[illegible]
241	8	4[illegible]	2[illegible]
242	8	4[illegible]	2[illegible]
243	8	4[illegible]	2[illegible]
244	8	4[illegible]	2[illegible]
245	8	4[illegible]	2[illegible]
246	8	4[illegible]	2[illegible]
247	8	4[illegible]	2[illegible]
248	8	4[illegible]	2[illegible]
249	8	4[illegible]	2[illegible]
250	8	4[illegible]	2[illegible]
251	8	4[illegible]	2[illegible]
252	8.92	5[illegible]	2[illegible]
253	9.92	5[illegible]	2[illegible]
254	10	5[illegible]	2[illegible]
255	9.67	5[illegible]	3[illegible]
256	9.75	5[illegible]	3[illegible]
257	10.5	5[illegible]	3[illegible]
258	9.92	5[illegible]	3[illegible]
259	9.42	5[illegible]	3[illegible]
260	10	5[illegible]	3[illegible]
261	9.92	5[illegible]	336
262	9.5	5[illegible]	3[illegible]
263	10.17	5[illegible]	3[illegible]
264	9.33	5[illegible]	353
265	9	5[illegible]	358
266	9	5[illegible]	3[illegible]

ALMA DEEP N.B. *

STATION	DEPTH	LATITUDE	LONGITUDE	START
34	20	45.6	64.95	OCT 23, 1980 15:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
294	12	5	4
295	12	18	12
296	12	30	20
297	11.67	41.67	27.67
298	11.5	53.17	35.17
299	11.17	64.33	42.33
300	11	75.33	49.33
301	11	86.33	56.33
302	11	97.33	63.33
303	11	108.33	70.33
304	10.58	118.92	76.92
305	10.5	129.42	83.42
306	10.08	139.5	89.5
307	10	149.5	95.5
308	9.92	159.42	101.42
309	9.5	168.92	106.92
310	9.5	178.42	112.42
311	9.5	187.92	117.92
312	9.25	197.17	123.17
313	9	206.17	128.17
314	9	215.17	133.17
315	9	224.17	138.17
316	9	233.17	143.17
317	9	242.17	148.17
318	9	251.17	153.17
319	8.75	259.92	157.92
320	8.5	268.42	162.42
321	8.25	276.67	166.67
322	8	284.67	170.67
323	7.92	292.58	174.58
324	7.25	299.83	177.83
325	7	306.83	180.83
326	7	313.83	185.33

ALMA DEEP N.B. *

STATION	DEPTH	LATITUDE	LONGITUDE	START
38	20	45.6	64.95	MAY 30, 1981 17:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
150	7	2.33	1
151	6.83	9.17	3.83
152	6.83	16	6.67
153	7.08	23.08	9.75
154	7.17	30.25	12.92
155	7.17	37.42	16.08
156	7.33	44.75	19.42
157	7.42	52.17	22.83
158	7.5	59.67	26.33
159	7.5	67.17	29.83

ALMA DEEP No.8. * ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
160	7.75	74.92	33.56
161	7.92	82.84	37.5
162	8	90.83	41.5
163	9.25	100.08	46.75
164	9.33	109.42	52.08
165	9	118.42	57.08
166	8.75	127.17	61.83
167	8.5	135.67	66.33
168	8.5	144.17	70.83
169	8.58	152.75	75.42
170	9	161.75	80.42
171	9	170.75	85.42
172	9	179.75	90.42
173	9	188.75	95.42
174	9	197.75	100.42
175	9	206.75	105.42
176	9.5	216.25	110.92
177	9.5	225.75	116.42
178	9.5	235.25	121.92
179	9.5	244.75	127.42
180	9.92	254.67	133.33
181	10	264.67	139.33
182	10	274.67	145.33
183	10	284.67	151.33
184	10	294.67	157.33
185	10.5	305.17	163.83
186	10.5	315.67	170.33
187	10.5	326.17	176.83
188	10.75	336.92	183.58
189	11	357.08	196.41

ALMA SHALLOW No.8. *

STATION	DEPTH	LATITUDE	LONGITUDE	START
3C	12	45.6	64.95	JUNE 11, 1981 21:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
162	8.5	1.42	.75
163	8.5	9.92	5.25
164	8.67	18.58	9.92
165	9	27.58	14.92
166	9	36.58	19.92
167	9	45.58	24.92
168	9.08	54.67	30
169	9.17	63.83	35.17
170	9.58	73.42	40.75
171	9.5	82.92	46.25
172	9.5	92.42	51.75
173	9.5	101.92	57.25
174	9.67	111.58	62.92
175	10	121.58	68.92
176	10	131.58	74.92
177	10	141.58	80.92

ALMA SHALLOW N.B. * ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
178	10.08	151.67	87
179	10.17	161.83	93.17
180	10.67	172.5	99.83
181	10.92	183.42	106.75
182	11	194.42	113.75
183	11.08	205.5	120.83
184	11.17	216.67	128
185	11.5	228.17	135.5
186	11.5	239.67	143
187	11.08	250.75	150.08
188	11	267.25	160.58

ALMA SHALLOW N.B. *

STATION	DEPTH	LATITUDE	LONGITUDE	START
3D	12	45.6	64.95	JULY 7, 1981 8:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
138	11.5	7.67	5
189	11.5	19.17	12.5
190	11.67	30.83	20.17
191	12	42.83	28.17
192	12	54.83	36.17
193	12	66.83	44.17
194	12.42	79.25	52.58
195	12.08	91.33	60.67
196	12	103.33	68.67
197	12.08	115.42	76.75
198	12.08	127.5	84.83
199	12.08	139.58	92.92
200	12.5	152.08	101.42
201	12.67	164.75	110.08
202	13	177.75	119.08
203	13	190.75	128.08
204	13	203.75	137.08
205	13	216.75	146.08
206	13	229.75	155.08
207	13.08	242.83	164.17
208	13	255.83	173.17
209	13.08	268.92	182.25
210	13.5	282.42	191.75
211	13.5	295.92	201.25
212	13.5	309.42	210.75
213	13.6	324.35	220.34

ALMA DEEP N.B. *

STATION	DEPTH	LATITUDE	LONGITUDE	START
8	20	45.6	64.45	JULY 09 1981 12:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
189	11.5	5.75	3.75
190	11.5	17.25	11.25
191	11.67	29.92	19.92
192	11.75	40.67	26.67
193	12	52.67	34.67
194	12	64.67	42.67
195	12	76.67	50.67
196	12	88.67	58.67
197	12	100.67	66.67
198	12	112.67	74.67
199	12	124.67	82.67
200	12	136.67	90.67
201	12	148.67	98.67
202	12	160.67	106.67
203	12	172.67	114.67
204	12	184.67	122.67
205	12	196.67	130.67
206	12	214.66	142.66

DELAPS COVE N.S. *

STATION	DEPTH	LATITUDE	LONGITUDE	START
4A	0	44.8	65.65	JUNE 12, 1980 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
164	7	3.5	1.5
165	7	10.5	4.5
166	7	17.5	7.5
167	7	24.5	10.5
168	7	31.5	13.5
169	7	38.5	16.5
170	7	45.5	19.5
171	7	52.5	22.5
172	7	59.5	25.5
173	7	66.5	28.5
174	7	73.5	31.5
175	7.25	80.75	34.75
176	7.5	88.25	38.25
177	7.5	95.75	41.75
178	8	103.75	45.75
179	8	111.75	49.75
180	8	119.75	53.75
181	8	127.75	57.75
182	8	135.75	61.75
183	8	143.75	65.75
184	8	151.75	69.75
185	8	159.75	73.75
186	8	167.75	77.75

DELAPS COVE N.S. * ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
187	8	175.75	81.75
188	8	183.75	89.75
189	8	191.75	89.75
190	8.25	200	94
191	8.5	208.5	98.5
192	8.5	217	103
193	8.75	225.75	107.75
194	9	234.75	112.75
195	9	243.75	117.75
196	9	252.75	122.75
197	9	261.75	127.75
198	9	270.75	132.75
199	9	279.75	137.75
200	9	288.75	142.75
201	9	297.75	147.75
202	9	306.75	152.75
203	9	315.75	157.75
204	9	324.75	162.75
205	9	333.75	167.75
206	9	342.75	172.75
207	9	351.75	177.75
208	9	360.75	182.75
209	9.17	369.92	187.92
210	9.5	379.42	193.42
211	9.5	388.66	201.66

DELAPS COVE N.C.

STATION	DEPTH	LATITUDE	LONGITUDE	START
48	17	44.78	65.63	MAY 31, 1981 15:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
151	2.5	1.25	0
152	2.5	3.75	0
153	2.5	6.25	0
154	2.58	8.83	0
155	2.5	11.33	0
156	2.83	14.17	0
157	3	17.17	0
158	3	20.17	0
159	3	23.17	0
160	3	26.17	0
161	3	29.17	0
162	3	32.17	0
163	3	35.17	0
164	3	38.17	0
165	3	41.17	0
166	3	44.17	0
167	3.33	47.5	0
168	3.5	51	0
169	3.5	54.5	0
170	3.5	58	0
171	3.5	61.5	0

DELAPS COVE N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
172	3.5	65	0
173	3.5	68.5	0
174	3.5	72	0
175	3.5	75.5	0
176	3.33	79.33	0
177	3.5	82.83	0
178	4	86.83	0
179	4	90.83	0
180	4.08	94.92	.08
181	4.33	99.25	.42
182	4.33	103.58	.75
183	4.17	107.75	.92
184	4	111.75	.92
185	4.17	115.92	1.08
186	4	119.92	1.08
187	4	123.92	1.08
188	4	127.92	1.08
189	4	131.92	1.08
190	4	135.92	1.08
191	4	139.92	1.08
192	4.33	144.25	1.42
193	4.5	148.75	1.92
194	4.5	153.25	2.42
195	4.5	157.75	2.92
196	4.5	162.25	3.42
197	4.5	166.75	3.92
198	4.5	171.25	4.42
199	4.5	177.24	5.08

PORT MAITLAND PIER N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
5A	7	43.98	66.15	JUNE 3, 1980 17:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
155	9	3	1.67
156	9.08	12.08	6.75
157	9.08	21.17	11.83
158	9.25	30.42	17.08
159	9.33	39.75	22.42
160	9.25	49	27.67
161	9.25	58.25	32.92
162	9.33	67.58	38.25
163	9	76.58	43.25
164	9.58	86.17	48.63
165	10	96.17	54.63
166	10	106.17	60.63
167	10	116.17	66.63
168	10.17	126.33	73
169	10.17	136.5	79.17
170	10	146.5	85.17
171	10.33	156.83	91.5
172	10.67	167.5	98.17

PORT MAITLAND PIER N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
173	10.75	175.25	104.42
174	10.83	186.08	111.75
175	11	200.08	118.75
176	11.08	211.17	125.83
177	11.25	222.42	133.08
178	11.58	234	140.67
179	11.42	245.42	148.08
180	11.5	256.92	155.58
181	12.25	269.17	163.83
182	11.92	281.08	171.75
183	11.83	292.92	179.58
184	11.92	304.83	187.5
185	11.5	316.33	195
186	11.58	327.92	202.58
187	11.58	339.5	210.17
188	11.33	350.83	217.5
189	12.33	363.17	225.83
190	12	375.17	233.83
191	12.08	387.25	241.92
192	12.5	399.75	250.42
193	12.42	412.17	258.83
194	12	424.17	266.83
195	12	436.17	274.83
196	12	448.17	282.83
197	12	460.17	290.83
198	12	472.17	298.83
199	12	484.17	306.83
200	12	496.17	314.83
201	12	508.17	322.83
202	12.25	520.42	331.08
203	12.17	532.58	339.25
204	12	544.58	347.25
205	12	556.58	355.25
206	12.33	568.92	363.58
207	12.5	581.42	372.08
208	12.5	593.92	380.58
209	13	606.92	389.25
210	13	619.92	398.58
211	13.17	633.08	407.75
212	13.25	646.33	417
213	13	659.33	426
214	13	672.33	435
215	13	685.33	444
216	13	698.33	453
217	13.25	715	465.33

PORT MAITLAND FAIRWAY N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
56	14	43.99	66.16	JAN 1 1981 0130 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
1	0	0	0
2	0	0	0
3	-.5	0	0
4	-1	0	0
5	-1	0	0
6	-1	0	0
7	-.92	0	0
8	-.83	0	0
9	-1	0	0
10	-.92	0	0
11	-1	0	0
12	-1	0	0
13	-1	0	0
14	-1	0	0
15	-1	0	0
16	-1	0	0
17	-1	0	0
18	-1	0	0
19	-1	0	0
20	-1	0	0
21	-1	0	0
22	-1	0	0
23	-1	0	0
24	-1	0	0
25	-1	0	0
26	-1	0	0
27	-.75	0	0
28	-.5	0	0
29	-.5	0	0
30	-.75	0	0
31	-1	0	0
32	-1	0	0
33	-.92	0	0
34	0	0	0
35	-.05	0	0
36	-.1	0	0
37	-1	0	0
38	-1	0	0
39	-1	0	0
40	-.5	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	0	0	0

PORT MAITLAND FAIRWAY N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
51	.25	.25	0
52	.67	.92	0
53	1	1.92	0
54	1	2.92	0
55	1	3.92	0
56	1	4.92	0
57	1	5.92	0
58	1	6.92	0
59	1.33	8.25	0
60	1.5	9.75	0
61	1.5	12.49	0

PORT MAITLAND FAIRWAY N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
5C	11	43.99	66.19	MAR 29 1981 2300 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
61	2.5	.42	0
62	2.5	2.92	0
63	2.33	5.25	0
64	2.5	7.75	0
65	2.33	10.08	0
66	2.5	12.58	0
67	2.5	15.08	0
68	2.08	17.17	0
69	2.08	19.25	0
70	2	21.25	0
71	2.5	23.75	0
72	2.5	26.25	0
73	2.5	28.75	0
74	2.17	30.92	0
75	2.08	33	0
76	2.25	35.25	0
77	1.67	36.92	0
78	1.5	38.42	0
79	1.5	39.92	0
80	1.5	41.42	0
81	1.5	42.92	0
82	2	44.92	0
83	2	46.92	0
84	2	48.92	0
85	2	50.92	0
86	2	52.92	0
87	2	54.92	0
88	2.5	57.42	0
89	2.5	59.92	0
90	2.5	62.42	0
91	3	65.42	0
92	3	68.42	0
93	3	71.42	0
94	3	74.42	0
95	3	77.42	0

PORT MAITLAND FAIRWAY N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
96	3.33	80.75	0
97	3.5	84.25	0
98	3.5	87.75	0
99	3.58	91.33	0
100	4	95.33	0
101	4	99.33	0
102	4	103.33	0
103	4	107.33	0
104	4	111.33	0
105	4	115.33	0
106	4	119.33	0
107	4	123.33	0
108	4	127.33	0
109	4	131.33	0
110	4	135.33	0
111	4	139.33	0
112	4	143.33	0
113	4.08	147.42	.08
114	4.5	151.92	.58
115	4.17	156.08	.75
116	4.5	160.58	1.25
117	4.5	165.08	1.75
118	5	170.08	2.75
119	5	175.08	3.75
120	5	180.08	4.75
121	5.08	185.17	5.83
122	5.17	190.33	7
123	5.25	195.58	8.25
124	5.5	201.08	9.75
125	5.67	206.75	11.42
126	6	212.75	13.42
127	6	218.75	15.42
128	6	224.75	17.42
129	6	230.75	19.42
130	6.08	236.83	21.5
131	6.58	243.42	24.08
132	7	250.42	27.08
133	7	257.42	30.08
134	7	264.42	33.08
135	7	271.42	36.08
136	7.5	278.92	39.58
137	8	286.92	43.58
138	8	294.92	47.58
139	8	302.92	51.58
140	8	310.92	55.58
141	8	318.92	59.58
142	8	326.92	63.58
143	7.92	334.83	67.5
144	8	342.83	71.5
145	8	350.83	75.5
146	8	358.83	79.5
147	8.58	367.42	84.08
148	8	375.42	88.08

PORT MAITLAND FAIRWAY N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
149	8	383.42	92.08
150	8	391.42	96.08
151	8	399.42	100.08
152	8.17	407.58	104.25
153	8.17	415.75	108.42
154	8.17	423.92	112.58
155	8.33	432.25	116.92
156	8.33	444.75	123.41

PORT MAITLAND FAIRWAY N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
50	14	44.99	55.13	JUNE 8, 1981 22:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
159	10	1.67	1
160	9.67	11.33	5.67
161	9.58	20.92	12.25
162	9.33	30.75	18.08
163	9.75	40.5	23.63
164	9.83	50.33	29.67
165	9.92	60.25	35.58
166	10	70.25	41.58
167	9.92	80.17	47.5
168	9.92	90.08	53.42
169	10	100.08	59.42
170	10.08	110.17	65.5
171	10	120.17	71.5
172	10	130.17	77.5
173	10	140.17	83.5
174	10	150.17	89.5
175	10.08	160.25	95.58
176	10	170.25	101.58
177	10.08	180.33	107.67
178	10.5	190.33	114.17
179	10.5	201.33	120.67
180	10.58	211.92	127.25
181	10.83	222.75	134.08
182	10.83	233.58	140.92
183	10.83	244.42	147.75
184	10.75	255.17	154.5
185	10.75	265.92	161.25
186	10.67	276.58	167.92
187	10.5	287.08	174.42
188	10.67	297.75	181.08
189	10.92	308.67	188
190	11	319.67	195
191	11	330.67	202
192	11.08	341.75	209.08
193	11.33	353.08	216.42
194	11	364.08	223.42
195	11	375.08	230.42
196	11.08	386.17	237.5
197	11.5	397.67	245

PORT MAITLAND FAIRWAY N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
198	11.5	409.17	252.5
199	11.5	420.67	260
200	11.25	431.92	267.25
201	11.42	443.33	274.67
202	11.25	454.58	281.92
203	11.5	466.08	289.42
204	11.83	477.92	297.25
205	12	489.92	305.25
206	12	501.92	313.25
207	11.92	513.83	321.17
208	12	525.83	329.17
209	11.92	537.75	337.09
210	11.75	549.5	344.83
211	11.5	561	352.33
212	11.58	572.58	359.92
213	12	584.58	367.92
214	12	596.58	375.92
215	12	608.58	383.92
216	12	620.58	391.92
217	12	632.58	399.92
218	12	644.58	407.92
219	12	656.58	415.92
220	12	668.58	423.92
221	12	680.58	431.92
222	12	692.58	439.92
223	12	704.58	447.92
224	11.92	716.5	455.83
225	11.83	728.33	463.67
226	11.92	740.25	471.58
227	11.75	752	479.33
228	11.42	763.42	486.75
229	11.42	774.83	494.17
230	11.67	786.5	501.83
231	11.83	798.33	509.67
232	11.83	810.17	517.5
233	11.92	822.08	525.42
234	12	834.08	533.42
235	11.92	846	541.33
236	11.83	857.83	549.17
237	11.83	869.67	557
238	11.92	881.58	564.92
239	11.92	893.5	572.83
240	12	905.5	580.83
241	12	917.5	588.83
242	12	929.5	596.83
243	12	941.5	604.83
244	12	953.5	612.83
245	12	965.5	620.83
246	12	977.5	628.83
247	12	989.5	636.83
248	12	1001.5	644.83
249	12.08	1013.58	652.92
250	12.5	1026.08	661.42

PORT MAITLAND FAIRWAY N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
251	12.58	1038.67	670
252	13.92	1052.58	679.92
253	14.42	1067	690.33
254	14.5	1081.5	700.83
255	14.5	1096	711.33
256	15	1111	722.33
257	15	1126	733.33
258	15	1141	744.33
259	15	1156	755.33
260	15	1171	766.33
261	15	1186	777.33
262	15	1201	788.33
263	15	1216	799.33
264	15	1231	810.33
265	15	1246	821.33
266	15	1261	832.33
267	14.83	1275.83	843.17
268	14.5	1290.33	853.67
269	14.5	1304.83	864.17
270	14.33	1319.17	874.5
271	14	1333.17	884.5
272	13.25	1346.42	893.75
273	12.58	1359	902.33
274	12.5	1371.5	910.83
275	12.5	1384	919.33
276	12.5	1396.5	927.83
277	12.5	1409	936.33
278	12.5	1421.5	944.83
279	12.5	1434	953.33
280	12.5	1446.5	961.83
281	12.33	1458.84	970.17
282	12	1470.84	978.17
283	12	1482.84	986.17
284	11.67	1494.5	993.83
285	11.5	1506	1001.33
286	11.5	1517.5	1008.83

LURCHER SHOAL N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
7A	36	43.86	66.5	MAY 14, 1980 22:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
135	5	.83	.17
136	4.5	5.33	.67
137	4.5	9.83	1.17
138	4.5	14.33	1.67
139	4.5	18.83	2.17
140	4.5	23.33	2.67
141	4.92	28.25	3.58
142	5	33.25	4.58
143	5	38.25	5.58
144	5	43.25	6.58

LURCHER SHCAL N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
145	5	48.25	7.58
146	5	53.25	8.58
147	5	58.25	9.58
148	5	63.25	10.58
149	5	68.25	11.58
150	5.17	73.42	12.75
151	5.5	78.92	14.25
152	5.58	84.5	15.83
153	5.58	90.08	17.42
154	5.5	95.58	18.92
155	5.5	101.08	20.42
156	5.58	106.67	22
157	5.5	112.17	23.5
158	5.5	117.67	25
159	5.92	123.58	26.92
160	6	129.58	28.92
161	6	135.58	30.92
162	6	141.58	32.92
163	6	147.58	34.92
164	6	153.58	36.92
165	6	159.58	38.92
166	6.08	165.67	41
167	6.17	171.83	43.17
168	6.3	178.33	45.67
169	6.5	184.83	48.17
170	6.75	191.58	50.92
171	7	198.58	53.92
172	7	205.58	56.92
173	7	212.58	59.92
174	7	219.58	62.92
175	6.92	226.5	65.83
176	6.92	233.42	68.75
177	7	240.42	71.75
178	7	247.42	74.75
179	7.08	254.5	77.83
180	7	261.5	80.83
181	7	268.5	83.83
182	7.33	275.83	87.17
183	7.25	283.08	90.42
184	7.5	290.58	93.92
185	7.5	298.08	97.42
186	7.5	305.58	100.92
187	7.67	313.25	104.58
188	7.33	321.08	108.42
189	7.75	328.83	112.17
190	7.92	336.75	115.08
191	7.75	344.5	119.83
192	8	352.5	123.83
193	8	360.5	127.83
194	8	368.5	131.83
195	8	376.5	135.83
196	8	384.5	139.83
197	8	392.5	143.83

LURCHER SHOAL N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
198	8	400.5	147.83
199	8	408.5	151.83
200	8	416.5	155.83
201	8	424.5	159.83
202	8.25	432.75	164.08
203	8.5	441.25	168.33
204	8.5	449.75	173.08
205	8.5	458.25	177.33
206	8.5	466.75	182.08
207	8.58	475.33	186.67
208	8.75	484.08	191.42
209	8.75	492.83	196.17
210	9.03	501.87	201
211	9.92	510.38	205.92
212	9	519.38	210.92
213	9	528.38	215.92
214	9	537.38	220.92
215	9	546.38	225.92
216	9	555.38	230.92
217	9	564.38	235.92
218	9	573.38	240.92
219	9	582.38	245.92
220	9	591.38	250.92
221	9	600.38	255.92
222	9	609.38	260.92
223	9	618.38	265.92
224	9	627.38	270.92
225	9	636.38	275.92
226	9	645.38	280.92
227	9	654.38	285.92
228	9	663.38	290.92
229	9	672.38	295.92
230	9	681.38	300.92
231	9	690.38	305.92
232	9	699.38	310.92
233	9.5	709.08	315.42
234	9.5	718.58	321.92
235	9.5	728.08	327.42
236	9.5	737.58	332.92
237	9.67	747.25	338.58
238	9.5	756.75	344.08
239	9.58	766.33	349.67
240	9.25	775.58	354.92
241	9	784.58	359.92
242	9	793.58	364.92
243	9	802.58	369.92
244	9.25	811.83	375.17
245	9.5	821.33	380.67
246	9.5	830.83	386.17
247	9.5	840.33	391.67
248	9.75	850.08	397.42
249	9.83	859.92	403.25
250	10	869.92	409.25

LURCHER SHOAL N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
251	10	879.92	415.25
252	10	889.92	421.25
253	10	899.92	427.25
254	10	909.92	433.25
255	10	919.92	439.25
256	10.17	930.08	445.42
257	10.17	940.25	451.58
258	10.08	950.33	457.67
259	10	960.33	463.67
260	10	970.33	469.67
261	10	980.33	475.67
262	10	990.33	481.67
263	10	1000.33	487.67
264	10	1010.33	493.67
265	10	1020.33	499.67
266	10	1030.33	505.67
267	10	1040.33	511.67
268	10	1050.33	517.67
269	10	1060.33	523.67
270	10	1070.33	529.67
271	10.08	1080.42	535.75
272	10	1090.42	541.75
273	10	1100.42	547.75
274	10	1110.42	553.75
275	10	1120.42	559.75
276	10	1130.42	565.75
277	10	1140.41	571.75
278	10	1150.41	577.75
279	10	1160.41	583.75
280	10	1170.41	589.75
281	10.17	1180.58	595.92
282	10.17	1190.75	602.08
283	10	1200.75	608.08
284	10	1210.75	614.08
285	10	1220.75	620.08
286	10	1230.75	626.08
287	10	1240.75	632.08
288	10	1250.75	638.08
289	10	1260.75	644.08
290	10	1270.75	650.08
291	10	1282.41	657.08

GANNET ROCK N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
9C	22	43.65	66.14	JULY 25, 1961 13:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
206	16.5	8.25	6.25
207	16	24.25	18.25
208	16	40.25	30.25
209	15.67	55.92	41.92
210	15.5	71.42	53.42

GANNET ROCK N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
211	15.75	87.17	55.17
212	16	103.17	71.17
213	16	119.17	87.17
214	16	135.17	103.17
215	16.17	151.33	119.33
216	15.67	168	135
217	17	185	139
218	17	202	152
219	16.25	218.25	164.25
220	16	234.25	175.25
221	16.17	250.42	188.42
222	16.5	266.92	200.92
223	16.33	283.25	213.25
224	16.5	299.75	225.75
225	16.33	316.08	238.08
226	16.08	332.17	250.17
227	16.17	348.33	262.33
228	16.5	364.83	274.83
229	16.5	381.33	287.33
230	16.5	397.83	299.83
231	16.25	414.08	312.08
232	16.33	430.42	324.42
233	16.5	446.92	336.92
234	16.58	463.5	349.5
235	17	480.5	362.5
236	17	497.5	375.5
237	16.92	514.42	388.42
238	16.5	530.92	400.92
239	16.08	547	413
240	16	563	425
241	16.33	579.33	437.33
242	16.5	595.83	449.83
243	16.5	612.33	462.33
244	16.5	628.83	474.83
245	16.5	645.33	487.33
246	16.67	662	500
247	17	679	513
248	16.5	695.5	525.5
249	16.5	712	538
250	16.5	728.5	550.5
251	16.5	745	563
252	16.5	761.5	575.5
253	16.17	777.67	587.67
254	16.25	793.92	599.92
255	16.08	810	612
256	16	826	624
257	16.17	842.17	636.17
258	16.5	858.67	648.67
259	16.5	875.17	661.17
260	16.5	891.67	673.67
261	16	907.67	685.67
262	16	923.67	697.67
263	16	939.67	709.67

GANNET ROCK N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
264	10.58	950.42	721.25
265	10.5	970.75	732.75
266	10.75	986.5	744.5
267	14.25	1000.75	754.75
268	11.33	1012.08	762.08
269	11.92	1024	770
270	13	1037	779
271	13.58	1050.58	788.58
272	8.33	1058.92	792.92
273	7.5	1066.42	796.42
274	8.58	1075	801
275	10	1085	807
276	9.92	1094.92	812.92
277	10	1104.92	818.92
278	10.5	1115.42	823.42
279	11	1126.42	832.42
280	11	1137.42	839.42
281	11	1148.42	845.42
282	10.5	1158.92	852.92
283	10	1168.92	858.92
284	10	1178.92	864.92
285	10	1188.92	870.92
286	10	1198.92	876.92
287	10	1208.92	882.92
288	10	1218.92	888.92
289	10	1228.92	894.92
290	10	1238.92	900.92
291	10	1248.92	906.92
292	10	1258.92	912.92
293	10	1268.92	918.92
294	10	1278.92	924.92
295	10	1288.92	930.92
296	10	1298.91	936.92
297	10	1308.91	942.92
298	10	1318.91	948.92
299	10	1328.91	954.92
300	10	1338.91	960.92
301	10	1348.91	966.92
302	10	1358.91	972.92
303	10	1368.91	978.92
304	10	1378.91	984.92
305	10	1388.91	990.92
306	10	1398.91	996.92
307	10	1408.91	1002.92
308	9.58	1418.5	1008.5
309	9.5	1428	1014
310	9.5	1437.5	1019.5
311	9.5	1447	1025
312	9.5	1456.5	1030.5
313	9.5	1466	1036
314	9.5	1475.5	1041.5
315	9.5	1485	1047
316	9.17	1494.16	1052.17

GANNET ROCK N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
317	9	1503.16	1057.17
318	9	1512.16	1066.17
319	9	1521.16	1075.17
320	9	1530.16	1084.17
321	9	1539.16	1093.17
322	9	1548.16	1102.17
323	9	1557.16	1111.17
324	8.83	1566	1120
325	8.5	1574.5	1128.5
326	8.5	1583	1137
327	8.5	1591.5	1145.5
328	8.25	1599.75	1153.75
329	8	1607.75	1161.75
330	8	1615.75	1169.75
331	7.92	1623.66	1177.67
332	7.5	1631.16	1185.17
333	7.25	1638.41	1192.42
334	7	1645.41	1199.42
335	7	1652.41	1206.42
336	6.92	1659.33	1213.33
337	6.5	1665.83	1219.83
338	6.5	1672.33	1226.33
339	6.5	1678.83	1232.83
340	6.5	1685.33	1239.33
341	6.5	1691.83	1245.83
342	6.5	1698.33	1252.33
343	6.5	1704.83	1258.83
344	6.5	1711.33	1265.33
345	6.5	1718.91	1272.91

GANNET ROCK N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
9D	11	43.65	65.14	JULY 25, 1961 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
206	17	8.5	8.5
207	16.42	24.92	16.92
208	16.58	41.5	33.5
209	16.17	57.67	49.67
210	16	73.67	65.67
211	16.17	89.83	81.83
212	16.5	106.33	98.33
213	16.5	122.83	114.83
214	16.33	139.17	131.17
215	16.33	155.5	147.5
216	17	172.5	164.5
217	17	189.5	181.5
218	17.08	206.58	198.58
219	17	223.58	215.58
220	16.67	240.25	232.25
221	17	257.25	249.25
222	17	274.25	266.25

GANNET ROCK N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
223	17	291.25	221.25
224	17	308.25	234.25
225	17	325.25	247.25
226	16.58	341.83	259.83
227	16.58	358.42	272.42
228	17	375.42	285.42
229	17	392.42	298.42
230	17	409.42	311.42
231	17	426.42	324.42
232	17	443.42	337.42
233	17	460.42	350.42
234	17	477.42	363.42
235	17	494.42	376.42
236	17.08	511.5	389.5
237	17.5	529	403
238	17	546	416
239	17	563	429
240	17	580	442
241	17	597	455
242	17	614	468
243	17	631	481
244	17	648	494
245	17	665	507
246	17	682	520
247	17	699	533
248	17	716	546
249	17	733	559
250	17	750	572
251	17	767	585
252	17	784	598
253	17	801	611
254	17	818	624
255	17	835	637
256	17	852	650
257	17	869	663
258	17	886	676
259	17	903	689
260	17	920	702
261	17	937	715
262	17	954	728
263	16.75	970.75	740.75
264	16.17	986.91	752.92
265	16	1002.91	764.92
266	16.25	1019.16	777.17
267	15.83	1035	789
268	12.25	1047.25	797.25
269	12.58	1059.83	805.83
270	13.17	1073	815
271	14.5	1087.5	825.5
272	9.83	1097.33	831.33
273	7.58	1104.91	834.92
274	8.67	1113.58	839.58
275	10.17	1123.75	845.75

GANNET ROCK N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
276	10.33	1134.63	652.08
277	10.25	1144.88	658.33
278	10.75	1155.63	665.08
279	11.5	1166.58	672.58
280	11.5	1178.08	680.08
281	11.5	1189.58	687.58
282	11.25	1200.83	694.83
283	11	1211.83	701.83
284	11	1222.83	708.84
285	10.67	1233.5	715.5
286	10.5	1244	722
287	10.5	1254.5	728.5
288	10.5	1265	735
289	10.17	1275.16	741.17
290	10	1285.16	747.17
291	10	1295.16	753.17
292	10	1305.16	759.17
293	10	1315.16	765.17
294	10	1325.16	771.17
295	10.33	1335.5	777.5
296	10.5	1346	784
297	10.5	1356.5	790.5
298	10.5	1367	797
299	10.5	1377.5	1003.5
300	10.5	1388	1010
301	10.5	1398.5	1016.5
302	10.5	1409	1023
303	10.5	1419.5	1029.5
304	10.5	1430	1036
305	10.5	1440.5	1042.5
306	10.5	1451	1049
307	10.5	1461.5	1055.5
308	10.17	1471.66	1061.67
309	10	1481.66	1067.67
310	10	1491.66	1073.67
311	10	1501.66	1079.67
312	10	1511.66	1085.67
313	10	1521.66	1091.67
314	10	1531.66	1097.67
315	10	1541.66	1103.67
316	10	1551.66	1109.67
317	9.5	1561.16	1115.17
318	9.5	1570.66	1120.67
319	9.08	1579.75	1125.75
320	9	1588.75	1130.75
321	9	1597.75	1135.75
322	9	1606.75	1140.75
323	9	1615.75	1145.75
324	9	1624.75	1150.75
325	9	1633.75	1155.75
326	9	1642.75	1160.75
327	9	1651.75	1165.75
328	9	1660.75	1170.75

GANNET ROCK N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
329	9	1669.75	1175.75
330	8.92	1678.67	1180.17
331	8	1686.67	1184.17
332	8	1694.67	1188.17
333	8	1702.67	1192.17
334	7.5	1710.17	1195.67
335	7.17	1717.33	1198.84
336	7	1724.33	1201.84
337	7	1731.33	1204.84
338	7	1738.33	1207.84
339	7	1745.33	1210.84
340	7	1752.33	1213.84
341	6.67	1759.00	1216.5
342	6.17	1765.17	1218.67
343	6	1771.17	1220.67
344	6	1777.17	1222.67
345	6	1783.17	1225

SCHOOL POINT LOBSTER BAY N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
128	8	43.71	65.83	OCT 21 1980 19:52 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
295	11	3.67	2.33
296	11	14.67	9.33
297	10.58	25.25	16.92
298	10	35.25	21.92
299	10	45.25	27.92
300	10	55.25	33.92
301	9.58	64.83	39.5
302	9.08	73.92	44.58
303	9	82.92	49.58
304	8.92	91.83	54.5
305	8.5	100.33	59
306	8.42	108.75	63.42
307	8	116.75	67.42
308	7.92	124.67	71.33
309	7.5	132.17	74.83
310	7.67	139.83	78.5
311	7.58	147.42	82.08
312	7.17	154.58	85.25
313	7.08	161.67	88.33
314	7	168.67	91.33
315	7	175.67	94.33
316	7	182.67	97.33
317	7	189.67	100.33
318	7	196.67	103.33
319	7	203.67	106.33
320	6.67	210.33	109
321	6.17	216.5	111.17
322	6	222.5	113.17
323	6	228.5	115.17
324	5.75	234.25	116.92
325	5.25	239.5	118.17

SCHOOL POINT LOBSTER BAY N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
326	5	244.5	119.17
327	5	249.5	120.17
328	5	254.5	121.17
329	5	259.5	122.17
330	5.08	264.58	123.25
331	5.33	269.92	124.58
332	5	274.92	125.58
333	5	279.92	126.58
334	5	284.92	127.58
335	4.92	289.83	128.5
336	4.5	294.33	129
337	4.5	298.83	129.5
338	4.5	303.33	130
339	4.5	307.83	130.5
340	4	311.83	130.5
341	4	315.83	130.5
342	4	319.83	130.5
343	4	323.83	130.5
344	4	327.83	130.5
345	4	331.83	130.5
346	3.42	335.25	130.5
347	2.92	338.17	130.5
348	2.5	340.67	130.5
349	2.42	343.08	130.5
350	1.67	344.75	130.5
351	1.17	345.92	130.5
352	1	346.92	130.5
353	1	347.92	130.5
354	1	348.92	130.5
355	.5	349.42	130.5
356	0	349.42	130.5
357	-.5	349.42	130.5
358	-.42	349.42	130.5
359	-.08	349.42	130.5
360	-.17	349.42	130.5
361	-.5	349.42	130.5
362	-.92	349.42	130.5
363	-1	349.42	130.5
364	-.92	349.42	130.5
365	-.33	349.42	130.5
366	0	349.42	130.5
1	-.5	349.42	130.5
2	-.5	349.42	130.5
3	-.75	349.42	130.5
4	-1	349.42	130.5
5	-1	349.42	130.5
6	-1	349.42	130.5
7	-1	349.42	130.5
8	-1	349.42	130.5
9	-1	349.42	130.5
10	-1	349.42	130.5
11	-1	349.42	130.5
12	-1	349.42	130.5

SCHOOL POINT LOBSTER BAY N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
13	-1	349.42	130.5
14	-1	349.42	130.5
15	-1	349.42	130.5
16	-1	349.42	130.5
17	-1	349.42	130.5
18	-1	349.42	130.5
19	-1	349.42	130.5
20	-1	349.42	130.5
21	-1	349.42	130.5
22	-1	349.42	130.5
23	-1	349.42	130.5
24	-1	349.42	130.5
25	-1	349.42	130.5
26	-1	349.42	130.5
27	-1	349.42	130.5
28	-1	349.42	130.5
29	-1	349.42	130.5
30	-1	349.42	130.5
31	-1	349.42	130.5
32	-1	349.42	130.5
33	-.92	349.42	130.5
34	-.5	349.42	130.5
35	-.5	349.42	130.5
36	-.83	349.42	130.5
37	-1	349.42	130.5
38	-1	349.42	130.5
39	-.92	349.42	130.5
40	-.5	349.42	130.5
41	-.5	349.42	130.5
42	-.42	349.42	130.5
43	.5	350.08	130.5
44	.58	350.67	130.5
45	.5	351.17	130.5
46	.42	351.58	130.5
47	0	351.58	130.5
48	.17	351.75	130.5
49	.5	352.25	130.5
50	.5	352.75	130.5
51	.58	353.33	130.5
52	1	354.33	130.5
53	1	355.33	130.5
54	1.17	356.5	130.5
55	1.5	358	130.5
56	1.5	359.5	130.5
57	1.5	361	130.5
58	1.92	362.92	130.5
59	2	364.92	130.5
60	2	366.92	130.5
61	2.25	369.17	130.5
62	2.5	371.67	130.5
63	2.5	374.17	130.5
64	2.5	376.67	130.5
65	2.5	379.17	130.5

SCHOOL POINT LOBSTER BAY N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
66	2.5	381.67	130.5
67	2.5	384.17	130.5
68	2.5	386.67	130.5
69	2.42	389.08	130.5
70	2.08	391.17	130.5
71	2.5	393.67	130.5
72	2.5	396.17	130.5
73	2.5	398.67	130.5
74	2.17	400.83	130.5
75	2	402.83	130.5
76	2	404.83	130.5
77	1.5	406.33	130.5
78	1.25	407.58	130.5
79	1.5	409.08	130.5
80	1.5	410.58	130.5
81	1.5	412.08	130.5
82	1.67	413.75	130.5
83	2	415.75	130.5
84	2	417.75	130.5
85	2.17	419.92	130.5
86	2.5	422.42	130.5
87	2.5	424.92	130.5
88	2.58	427.5	130.5
89	3.08	430.58	130.5
90	3.75	434.33	130.5
91	3.75	438.08	130.5
92	4	442.08	130.5
93	4.33	446.42	130.83
94	4.75	451.17	131.58
95	5.33	456.5	132.92
96	5.92	462.42	134.83
97	5.75	468.17	136.58
98	5.67	473.83	138.25
99	6.17	480	140.42
100	6.5	486.5	142.42
101	6.5	493	145.42
102	5.83	498.83	147.25
103	5.33	504.17	148.58
104	5.42	509.58	150
105	5.92	515.5	151.92
106	5	520.5	152.92
107	5.33	525.83	154.25
108	5.5	533.16	156.24

MUD ISLAND N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
138	24	43.48	65.93	MAY 14, 1981 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
134	7	3.5	1.5
135	7	10.5	4.5
136	7	17.5	7.5
137	7.08	24.58	10.58
138	7.33	31.92	13.92
139	7.5	39.42	17.42
140	7.5	46.92	20.92
141	7.58	54.5	24.5
142	7.42	61.92	27.92
143	7.08	69	31
144	6.42	75.42	33.42
145	6.42	81.83	35.83
146	6.58	88.42	38.42
147	6.58	95	41
148	6.83	101.83	43.83
149	7.5	109.33	47.33
150	7.67	117	51
151	7.83	124.83	54.83
152	8.08	132.92	58.92
153	8.33	141.25	63.25
154	8.25	149.5	67.5
155	8.25	157.75	71.75
156	8.42	166.17	76.17
157	8.5	174.67	80.67
158	8.58	183.25	85.25
159	8.83	192.08	90.08
160	9	201.08	95.08
161	9	210.08	100.08
162	9	219.08	105.08
163	9	228.08	110.08
164	9.17	237.25	115.25
165	9.5	246.91	122.58

STATION	DEPTH	LATITUDE	LONGITUDE	START
14	28	43.6	65.8	DEC 10, 1980 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
345	4.67	2.33	.33
346	4.5	6.83	.83
347	4	10.83	.83
348	4	14.83	.83
349	4	18.83	.83
350	3.33	22.67	.83
351	3.5	26.17	.83
352	3.5	29.67	.83
353	3.08	32.75	.83
354	3	35.75	.83
355	2.75	38.5	.83
356	2.5	41	.83
357	2.25	43.25	.83
358	2.25	45.5	.83
359	2.25	47.75	.83
360	1.92	49.67	.83
361	1.5	51.17	.83
362	1.58	52.75	.83
363	1.67	54.42	.83
364	1.67	56.08	.83
365	1.67	57.75	.83
366	1.25	59	.83
1	1.25	60.25	.83
2	1.25	61.5	.83
3	1	62.5	.83
4	.58	63.08	.83
5	.25	63.33	.83
6	.08	63.42	.83
7	.33	63.75	.83
8	0	63.75	.83
9	0	63.75	.83
10	0	63.75	.83
11	0	63.75	.83
12	0	63.75	.83
13	-.5	63.75	.83
14	-.5	63.75	.83
15	-.5	63.75	.83
16	-.5	63.75	.83
17	-.25	63.75	.83
18	-.58	63.75	.83
19	-1	63.75	.83
20	-1	63.75	.83
21	-1	63.75	.83

PUBNICO N.S. * ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
22	-.75	63.75	.83
23	-.58	63.75	.83
24	-.42	63.75	.83
25	-.42	63.75	.83
26	-.25	63.75	.83
27	0	63.75	.83
28	0	63.75	.83
29	0	63.75	.83
30	-.17	63.75	.83
31	-.42	63.75	.83
32	-.25	63.75	.83
33	0	63.75	.83
34	0	63.75	.83
35	0	63.75	.83
36	-.17	63.75	.83
37	-.33	63.75	.83
38	-.25	63.75	.83
39	0	63.75	.83
40	0	63.75	.83
41	0	63.75	.83
42	0	63.75	.83
43	0	63.75	.83
44	0	63.75	.83
45	0	63.75	.83
46	0	63.75	.83
47	0	63.75	.83
48	0	63.75	.83
49	0	63.75	.83
50	0	63.75	.83
51	.42	64.17	.83
52	.5	64.67	.83
53	1	65.67	.83
54	1	66.67	.83
55	1	67.67	.83
56	1	68.67	.83
57	1	69.67	.83
58	1	70.67	.83
59	1	71.67	.83
60	1	72.67	.83
61	1	73.67	.83
62	1	74.67	.83
63	1	75.67	.83
64	1	76.67	.83
65	1	77.67	.83
66	1	78.67	.83
67	1	79.67	.83
68	1	80.99	.83

CAPE SABLE N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
16	24	43.36	55.52	APR 24, 1961 5:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
114	4.5	4.08	.75
115	4.08	8.17	.92
116	4.58	12.75	1.5
117	4.75	17.5	2.25
118	4.17	21.67	2.42
119	4.08	25.75	2.5
120	4.5	30.25	3
121	4.5	34.75	3.5
122	4.92	39.67	4.42
123	4.5	44.17	4.92
124	4.5	48.67	5.42
125	4.5	53.17	5.92
126	4.5	57.67	6.42
127	4.67	62.33	7.08
128	4.67	67	7.75
129	5	72	8.75
130	5.25	77.25	10
131	5.33	82.58	11.33
132	5.5	88.08	12.83
133	5.58	93.67	14.42
134	5.58	99.25	16
135	5.58	104.83	17.58
136	5.92	110.75	19.5
137	6.42	117.17	21.92
138	5.67	122.83	23.58
139	5.58	128.42	25.17
140	5.42	133.83	26.58
141	5.58	139.42	28.17
142	5.58	145	29.75
143	4.75	149.75	30.5
144	4.58	154.33	31.08
145	5	159.33	32.08
146	5.08	164.42	33.17
147	5.33	169.75	34.5
148	5.5	175.25	36
149	5.5	180.75	37.5
150	5.92	186.67	39.42
151	5.5	192.17	40.92
152	5.5	197.67	42.42
153	5.5	203.17	43.92
154	5.83	209	45.75
155	5.67	214.67	47.42
156	5.58	220.25	49
157	5.67	225.92	50.67
158	6	231.92	52.67
159	6	237.92	54.67
160	6	243.92	56.67
161	6	249.92	58.67
162	5.83	255.75	60.5
163	5	260.75	61.5

CAPE SABLE N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
164	5	265.75	82.5
165	5.17	270.92	83.67
166	5	275.92	84.67
167	5.08	281	85.75
168	5	286	86.75
169	5	291	87.75
170	5.25	296.25	89
171	5.5	301.75	90.5
172	5.59	307.33	92.08
173	5.58	312.92	93.67
174	5.33	318.25	95
175	6	324.25	98
176	6	330.25	80
177	6.25	336.5	82.25
178	5.5	342	83.75
179	5	347	84.75
180	5.5	352.5	86.25
181	6	358.5	88.25
182	6	364.5	90.25
183	6.25	370.75	92.5
184	6.5	377.25	95
185	5.83	383.08	97.83
186	7	390.08	100.83
187	6.5	396.58	103.33
188	6	402.58	105.33
189	6.33	408.92	107.67
190	6.5	415.42	110.25
191	6.5	422	112.75
192	6.5	428.5	115.25
193	6.5	435	117.75
194	6.92	441.92	120.67
195	7.25	449.17	123.92
196	6.75	455.92	126.67
197	6.25	462.17	129.42
198	6	468.17	132.92
199	6	474.17	132.92
200	6.17	480.33	135.08
201	6.08	486.42	137.17
202	7.25	493.67	140.42
203	6.5	500.17	142.92
204	6.5	506.67	145.42
205	6	512.67	147.42
206	6	518.67	149.42
207	6	524.67	151.42
208	6.33	531	153.75
209	6	537	155.75
210	6.25	543.25	158
211	6	549.25	160
212	6	555.25	162
213	6.17	561.42	164.17
214	6.92	568.33	167.08
215	7	575.33	170.08
216	6.5	581.83	172.58

CAPE SABLE N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
217	5.67	590.5	175.25
218	7	597.5	178.25
219	7	604.5	181.25
220	7	611.5	184.25
221	7.67	619.17	187.92
222	9	628.17	192.92
223	10.67	638.83	199.58
224	12.25	651.08	207.83
225	12.67	663.75	216.5
226	12.5	676.25	225
227	12.17	688.42	233.17
228	12.75	701.17	241.92
229	11.42	712.58	249.33
230	9.17	721.75	254.5
231	9	730.75	259.5
232	9.92	740.67	265.42
233	10.58	751.25	272
234	11	762.25	279
235	10.75	773	285.75
236	11.08	784.08	292.83
237	11.5	795.58	300.33
238	11.92	807.5	308.25
239	12.5	820	316.75
240	12.92	832.92	325.67
241	13.42	846.33	335.08
242	13.58	859.92	344.67
243	13.67	873.58	354.33
244	14.42	888	364.75
245	15.67	903.67	376.42
246	16	919.67	388.42
247	16	935.67	400.42
248	16	951.67	412.42
249	16.08	967.75	424.5
250	16.5	984.25	437
251	16.92	1001.17	449.92
252	17	1018.17	462.92
253	17	1035.17	475.92
254	17	1052.17	488.92
255	17	1069.17	501.92
256	17	1086.17	514.92
257	16.92	1103.09	527.83
258	16.33	1119.42	540.17
259	16	1135.42	552.17
260	16	1151.42	564.17
261	16	1167.42	576.17
262	16.08	1183.5	588.25
263	15.67	1199.17	599.92
264	12.2	1221.53	614.94

PORT LATOUR N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
178	12	43.49	65.43	JULY 15, 1961 8:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
196	5.83	3.75	1.08
197	5.67	9.42	2.75
198	5.92	15.33	4.67
199	5.92	21.25	6.58
200	6.17	27.42	8.75
201	6.67	34.08	11.42
202	6.92	41	14.33
203	5.42	46.42	16.75
204	5.67	52.08	17.42
205	6.42	58.5	19.83
206	5.83	64.33	22.17
207	6.17	71	24.33
208	6.75	77.75	27.08
209	5.33	83.08	28.42
210	5.58	88.67	30
211	5.25	94.92	32.25
212	5.25	101.17	34.5
213	6	107.17	36.5
214	6	113.17	38.5
215	6.25	119.42	40.75
216	6.67	126.08	43.42
217	6.33	132.92	46.25
218	7.17	140.08	49.42
219	6.75	146.83	52.17
220	7.17	154	55.33
221	8.75	162.75	60.08
222	10.83	173.58	66.92
223	12	185.58	74.92
224	12.33	197.92	83.25
225	11.75	209.67	91
226	10	219.67	97
227	10.25	229.92	103.25
228	10.33	240.25	109.58
229	8.5	248.75	114.08
230	7	255.75	117.08
231	8.33	264.08	121.42
232	8.25	272.33	125.67
233	8.92	281.25	130.58
234	8.92	290.17	135.5
235	8.67	298.83	140.17
236	8.67	307.5	144.83
237	11.17	318.67	152
238	12.92	331.58	160.92
239	12.33	343.92	169.25
240	13	356.92	178.25
241	12.25	369.17	186.5
242	11.83	381	194.33
243	11.08	392.08	201.42
244	11.17	403.25	208.58
245	12.75	416	217.33

PORT LATOUR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
246	14.92	430.92	228.25
247	17	447.92	241.25
248	16.67	464.58	253.92
249	16.92	481.5	266.83
250	17	498.5	279.83
251	17	515.5	292.83
252	17	532.5	305.83
253	17	549.5	318.83
254	17	566.5	331.83
255	17	583.5	344.83
256	16	599.5	356.83
257	15.42	614.92	368.25
258	15	629.92	379.25
259	15.08	645	390.33
260	16.25	661.25	402.58
261	16.5	677.75	415.08
262	16.5	694.25	427.58
263	12.75	707	438.33
264	9.25	716.25	441.58
265	10.08	726.33	447.67
266	10.5	736.83	454.17
267	12.08	748.92	462.25
268	12.08	761	470.33
269	11.92	772.92	478.25
270	12.33	785.25	486.58
271	12.17	797.42	494.75
272	9.67	807.08	500.42
273	7	814.08	503.42
274	7	821.08	506.42
275	7.33	828.42	509.75
276	7.25	835.67	513
277	7	842.67	516
278	7.17	849.83	519.17
279	7.58	857.42	522.75
280	7.75	865.17	526.5
281	7	872.17	529.5
282	7	879.17	532.5
283	7.92	887.08	536.42
284	10.33	897.42	542.75
285	11.25	909.67	550
286	12	920.67	558
287	12	932.67	566
288	12	944.67	574
289	12	956.67	582
290	12	968.67	590
291	12	980.67	598
292	11.58	992.25	605.58
293	10.58	1002.83	612.17
294	10.5	1013.33	618.67
295	10.08	1023.42	624.75
296	10.58	1034	631.33
297	10.25	1044.25	637.58
298	10.67	1054.92	644.25

PORT LATOUR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
299	11	1065.92	651.25
300	11	1076.92	658.25
301	10.67	1087.58	664.92
302	10.5	1096.08	671.42
303	11	1109.08	678.42
304	11	1120.08	685.42
305	11	1131.09	692.42
306	11	1142.09	699.42
307	10.58	1152.67	706
308	10	1162.67	712
309	10.5	1173.17	718.5
310	10.17	1183.33	724.67
311	9.5	1192.83	730.17
312	9	1201.83	735.17
313	9	1210.83	740.17
314	9.42	1220.25	745.58
315	9.75	1230	751.33
316	9.5	1239.5	756.83
317	9.75	1249.25	762.58
318	10	1259.25	768.25
319	9.75	1269	774.33
320	9.5	1278.5	779.83
321	9.5	1288	785.33
322	9.5	1297.5	790.83
323	9.5	1307	796.33
324	9.5	1316.5	801.83
325	9	1325.5	806.83
326	8.67	1334.17	811.5
327	8.5	1342.67	816
328	8.5	1351.17	820.5
329	8	1359.17	824.5
330	8	1367.17	828.5
331	8	1375.17	832.5
332	7.92	1383.09	836.42
333	7.25	1390.34	839.67
334	7	1397.34	842.67
335	7.25	1404.59	845.92
336	7.5	1415.83	851.16

INGOMAR N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
18 A	40	43.53	65.31	AUG 10, 1980 10:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
223	14.13	9.42	6.75
224	15.25	24.67	18
225	15	39.67	29
226	14.42	54.08	39.42
227	14.92	69	50.33
228	14.67	83.67	61
229	13.83	97.5	70.83
230	12.67	110.17	79.5

INGOMAR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
231	11.75	121.92	37.25
232	12.42	134.33	93.67
233	13.42	147.75	103.08
234	14.33	162.08	115.42
235	14	176.08	129.42
236	13.17	189.25	134.58
237	13.83	203.08	144.42
238	14	217.08	154.42
239	13.58	230.67	164
240	15.25	245.92	175.25
241	15	260.92	188.25
242	15.42	276.33	197.67
243	14.67	291	208.33
244	14.5	305.5	218.83
245	15.33	320.83	230.17
246	17	337.83	243.17
247	17	354.83	256.17
248	17	371.83	269.17
249	16.58	388.42	281.75
250	16.5	404.92	294.25
251	16.75	421.67	307
252	17.08	438.75	320.08
253	17.08	455.83	333.17
254	17	472.83	346.17
255	17	489.83	359.17
256	17	506.83	372.17
257	17	523.83	385.17
258	16.92	540.75	398.08
259	16.92	557.67	411
260	16.5	574.17	423.5
261	16.83	591	436.33
262	17	608	449.33
263	17	625	462.33
264	16.58	641.58	474.92
265	14.75	656.33	488.67
266	13.75	670.08	495.42
267	13.25	683.33	504.67
268	13.33	696.67	514
269	14.33	711	524.33
270	14.67	725.67	535
271	14.5	740.17	545.5
272	14.25	754.42	555.75
273	13.42	767.83	565.17
274	12.25	780.08	573.42
275	10	790.08	579.42
276	9.25	799.33	584.67
277	9	808.33	589.67
278	9	817.33	594.67
279	9.08	826.42	599.75
280	9	835.42	604.75
281	9	844.42	609.75
282	8.25	852.67	614
283	8	860.67	618

INGOMAR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
284	8	868.67	822
285	10.67	879.33	828.67
286	11.92	891.25	836.58
287	12	903.25	844.58
288	12.42	915.67	853
289	12.5	928.17	861.5
290	12.5	940.67	870
291	12.42	953.08	878.42
292	11.75	964.83	886.17
293	11.5	976.33	893.67
294	11.25	987.58	900.92
295	11	998.58	907.92
296	11	1009.58	914.92
297	11	1020.58	921.92
298	10.5	1031.08	928.42
299	10.08	1041.17	934.5
300	10.5	1051.67	941
301	10.5	1062.17	947.5
302	11	1073.17	954.5
303	11	1084.17	961.5
304	11	1095.17	968.5
305	11	1106.17	975.5
306	10.75	1116.92	982.25
307	10.5	1127.42	988.75
308	10.75	1138.17	995.5
309	10.67	1148.83	1002.17
310	10.58	1159.42	1008.75
311	10.42	1169.83	1015.17
312	10	1179.83	1021.17
313	10	1189.83	1027.17
314	10	1199.83	1033.17
315	9.92	1209.75	1039.08
316	9.5	1219.25	1044.58
317	9.42	1228.67	1050
318	9.25	1237.92	1055.25
319	9.5	1247.42	1060.75
320	9.5	1256.92	1066.25
321	9.5	1266.42	1071.75
322	9.5	1275.92	1077.25
323	9.42	1285.33	1082.67
324	9	1294.33	1087.67
325	9	1303.33	1092.67
326	9	1312.33	1097.67
327	8.75	1321.08	1102.42
328	8.08	1329.17	1106.5
329	8	1337.17	1110.5
330	8	1345.17	1114.5
331	7.58	1352.75	1118.08
332	7.92	1360.67	1122
333	7.5	1368.17	1125.5
334	7.5	1375.67	1129
335	7.08	1382.75	1132.08
336	7	1389.75	1135.08

INGOMAR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
337	7	1396.75	955.08
338	7	1403.75	941.08
339	7	1410.75	944.08
340	7	1417.75	947.08
341	7	1424.75	950.08
342	5.67	1431.42	952.75
343	6.25	1437.67	955
344	5.5	1444.17	957.5
345	5.5	1451.75	960.41

INGOMAR N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
188	22	43.53	55.51	FEB 1, 1981 18:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
32	6	2	.67
33	5.5	7.5	2.17
34	5.5	13	3.67
35	5.5	18.5	5.17
36	5	23.5	6.17
37	5.17	28.67	7.63
38	5.25	33.92	8.58
39	5.5	39.42	10.08
40	5.67	45.08	11.75
41	5.83	50.92	13.58
42	6	56.92	15.58
43	6	62.92	17.58
44	5.08	68	18.67
45	5.5	73.5	20.17
46	5.17	78.67	21.33
47	6	84.67	23.33
48	6.67	91.33	26
49	6.83	98.17	28.83
50	7	105.17	31.83
51	7	112.17	34.83
52	6.83	119	37.67
53	7.02	126.02	40.68
54	6.92	132.93	43.6
55	6.5	139.43	46.1
56	6.5	145.93	48.6
57	6.67	152.6	51.27
58	7	159.6	54.27
59	7	166.6	57.27
60	7	173.6	60.27
61	7	180.6	63.27
62	6.67	187.27	65.93
63	6.67	193.93	68.6
64	6.67	200.6	71.27
65	6.5	207.1	73.77
66	6.5	213.6	76.27
67	6.58	220.18	78.85
68	6.5	226.68	81.35

INGJMAR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
69	5.5	283.18	88.68
70	6.58	289.77	93.43
71	6.5	296.27	98.93
72	6.5	302.77	91.43
73	6.25	309.02	93.56
74	6.17	315.18	95.85
75	6.5	321.68	98.35
76	6.17	327.85	100.32
77	6.08	333.93	102.6
78	6	339.93	104.6
79	6	345.93	106.6
80	6.08	352.02	108.68
81	6.33	358.35	111.02
82	6.58	364.93	113.6
83	6.75	371.68	116.35
84	6.75	378.43	119.1
85	6.58	385.02	121.68
86	6.33	391.35	124.02
87	6.5	397.85	126.52
88	6.75	404.6	129.27
89	6.67	411.27	131.93
90	6.67	417.93	134.6
91	7	424.93	137.6
92	6.92	431.85	140.52
93	7	438.85	143.52
94	6.92	445.77	146.43
95	7	452.77	149.43
96	7	459.77	152.43
97	7.33	467.1	155.77
98	7.58	474.68	159.35
99	8	482.68	163.35
100	8.17	490.85	167.52
101	8.25	499.1	171.77
102	8.5	507.6	176.27
103	9	516.6	181.27
104	8.42	525.02	185.68
105	8	533.02	189.68
106	8.17	541.18	193.85
107	8.58	549.77	198.43
108	8.5	558.27	202.93
109	8.67	566.93	207.6
110	9	575.93	212.6
111	8.5	584.43	217.1
112	8.5	592.93	221.6
113	* NO DATA *		
114	8.5	601.43	226.1
115	8.17	609.6	230.48
116	8.67	618.27	235.18
117	8.92	627.19	240.18
118	9	636.19	245.18
119	8.67	644.85	249.85
120	9.08	653.93	254.93
121	9.33	663.27	260.27

INGOMAR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
122	9.42	612.77	260.1
123	9.08	621.85	265.13
124	9.17	631.02	270.39
125	9.75	640.77	276.1
126	10.08	650.85	282.18
127	10.08	660.93	288.27
128	10.58	671.52	294.65
129	11.17	682.68	302.02
130	11.25	693.93	309.27
131	11.42	705.35	316.68
132	11.5	716.85	324.18
133	11	727.85	331.18
134	11	738.85	338.18
135	11.83	750.68	346.02
136	10.5	761.18	352.52
137	10.33	771.52	359.85
138	10.5	782.02	365.35
139	9.33	791.35	371.16
140	10.08	801.93	377.27
141	10.75	812.68	384.02
142	9.83	822.52	389.65
143	9	831.52	394.65
144	10.08	841.6	400.93
145	10.75	852.35	407.68
146	10.67	863.02	414.35
147	10.83	873.85	421.18
148	11.75	885.6	428.93
149	11.92	897.52	436.85
150	11.92	909.43	444.77
151	12.42	921.85	453.18
152	14.83	936.68	464.02
153	13.83	950.52	473.85
154	13.67	964.18	483.52

LOCKEPORT N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
19B	17	43.64	65.12	MAY 9, 1981 13:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
129	5.33	2.67	.67
130	5	7.67	1.67
131	5	12.67	2.67
132	5	17.67	3.67
133	5	22.67	4.67
134	4.75	27.42	5.42
135	4.42	31.83	5.83
136	4.33	36.17	6.17
137	4.42	40.58	6.58
138	4	44.58	6.58
139	4	48.58	6.58
140	4	52.58	6.58
141	4	56.58	6.58

LOCKEPORT No.2. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
142	4	60.33	6.58
143	4.17	64.75	6.75
144	4.5	69.25	7.25
145	4.5	73.75	7.75
146	4.92	78.67	8.67
147	5	83.67	9.67
148	5	88.67	10.67
149	5	93.67	11.67
150	5.5	99.17	13.17
151	5.5	104.67	14.67
152	5.58	110.25	16.25
153	5.5	115.75	17.75
154	5.5	121.25	19.25
155	5.67	126.92	20.92
156	5.58	132.5	22.5
157	5.67	138.17	24.17
158	5.17	143.33	25.33
159	5	148.33	26.33
160	4.58	152.92	26.92
161	4.33	157.25	27.33
162	3.5	160.75	27.33
163	4	164.75	27.33
164	4.17	168.92	27.5
165	5.25	174.17	28.75
166	5.5	179.67	30.25
167	5.17	184.83	31.42
168	5	189.83	32.42
169	4.42	194.25	32.83
170	4.42	198.67	33.25
171	4.5	203.17	33.75
172	4.5	207.67	34.25
173	4.5	212.17	34.75
174	4.83	217	35.58
175	3.83	220.83	35.58
176	3.5	224.33	35.58
177	3.5	227.83	35.58
178	3.5	231.33	35.58
179	3.5	234.83	35.58
180	3.67	238.5	35.58
181	4.33	242.83	35.92
182	5.75	248.58	37.67
183	5.33	254.42	39.5
184	6.08	260.5	41.58
185	5.42	265.92	43
186	4.83	270.75	43.83
187	4.67	275.42	44.5
188	4.5	279.92	45
189	4.5	284.42	45.5
190	4.08	288.5	45.58
191	4.08	292.58	45.67
192	4	296.58	45.67
193	4.25	300.83	45.92
194	4.5	305.33	46.42

LOCKEPORT N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
195	4.92	310.25	47.33
196	4.67	314.92	48
197	4.42	319.33	48.42
198	4.5	323.83	48.92
199	4.25	328.08	49.17
200	4.58	332.67	49.75
201	4.92	337.58	50.67
202	5	342.58	51.67
203	5	347.58	52.67
204	4.25	351.83	52.92
205	4.25	356.08	53.17
206	4.92	361	54.08
207	4.83	365.83	54.92
208	4.92	370.75	55.83
209	5.08	375.83	56.92
210	5.17	381	58.08
211	5.42	386.42	59.5
212	6.25	392.67	61.75
213	5.75	398.42	63.5
214	6	404.42	65.5
215	4.75	409.17	66.25
216	4.83	414	67.08
217	5	419	68.08
218	5.58	424.58	69.67
219	7.17	431.75	72.83
220	7.83	439.58	76.67
221	9.33	448.92	82
222	11.42	460.33	89.42
223	12.67	473	98.08
224	11.5	484.5	105.58
225	9.42	493.92	111
226	8.58	502.5	115.58
227	8.08	510.58	119.67
228	7.67	518.25	123.33
229	7	525.25	126.33
230	5.5	530.75	127.83
231	6.08	536.83	129.92
232	6.5	543.33	132.42
233	7.58	550.92	136
234	8.5	559.42	140.5
235	7.83	567.25	144.33
236	7.42	574.67	147.75
237	10.17	584.83	153.42
238	13.57	598.5	163.58
239	11.42	609.92	171
240	9.5	619.42	176.5
241	9.08	628.5	181.58
242	8.58	637.08	185.17
243	8.17	645.25	190.33
244	8.5	653.75	194.83
245	10.17	663.92	201
246	13.42	677.33	213.42
247	15.58	692.92	222

LOCKEPORT N.D. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
248	16	706.92	634
249	16.42	723.33	646.42
250	16.5	741.83	658.92
251	16.5	758.33	671.42
252	16.92	775.25	684.33
253	17	792.25	697.33
254	16.25	808.5	709.58
255	16.25	824.75	721.83
256	14.75	839.5	732.58
257	14.25	853.75	742.83
258	13.17	866.92	752
259	13.5	880.42	761.5
260	15.17	895.58	772.67
261	15.75	911.33	784.42
262	15.67	927	795.08
263	9.58	936.58	801.67
264	7.67	944.25	807.33
265	6.92	953.17	813.25
266	10.42	963.58	821.67
267	12.08	975.67	829.75
268	12.5	988.17	838.25
269	12.5	1000.67	846.75
270	13.08	1013.75	855.83
271	10.67	1024.42	863.5
272	8.58	1033	868.08
273	6.33	1039.33	872.92
274	5	1045.33	877.92
275	6.33	1052.17	883.25
276	7	1059.17	888.25
277	7.08	1066.25	893.33
278	6.83	1073.08	898.17
279	7	1080.08	903.17
280	6.83	1086.92	908
281	6.67	1093.58	912.67
282	6.83	1100.42	917.5
283	8.58	1109	923.08
284	10.67	1119.67	930.75
285	11.08	1130.75	937.83
286	11.17	1141.92	945
287	11	1152.92	952
288	11	1163.92	959
289	11	1174.92	966
290	11	1185.92	973
291	11	1196.92	980
292	11	1207.92	987
293	10.67	1218.59	993.67
294	10.33	1228.92	1000
295	10	1238.92	1006
296	10	1250.58	1013

PORT MOUTON N.S. #

STATION	DEPTH	LATITUDE	LONGITUDE	START
20	0	43.9	64.85	MAY 21, 1980 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
142	2.5	1.87	0
143	3.09	4.75	0
144	4	8.75	0
145	4	12.75	0
146	4	16.75	0
147	4	20.75	0
148	4	24.75	0
149	4	28.75	0
150	4	32.75	0
151	4	36.75	0
152	4	40.75	0
153	4	46.03	0

STONEHURST N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
21	11	44.37	64.19	NOV 27, 1981 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
331	5.83	3.42	1.42
332	7	10.42	4.42
333	7	17.42	7.42

STONEHURST N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
334	7	24.42	10.42
335	7	31.42	13.42
336	7	38.42	16.42
337	7	45.42	19.42
338	7	52.42	22.42
339	6.92	59.33	25.33
340	6.5	65.83	27.83
341	6.25	72.08	30.08
342	6.42	78.5	32.5
343	6.5	85	35
344	6.75	91.75	37.75
345	7	98.75	40.75
346	7	109.25	45.25

EAST DOVER N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
22A	7	44.5	63.85	NOV 26, 1980 17:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
331	6	2	.67
332	6	8	2.67
333	6	14	4.67
334	5.67	19.67	6.35
335	6	25.67	8.33
336	6	31.67	10.33
337	6	37.67	12.33
338	5.83	43.5	14.17
339	5.92	49.42	16.08
340	6	55.42	18.08
341	6	61.42	20.08
342	6	67.42	22.08
343	6	73.42	24.08
344	6	79.42	26.08
345	5.75	85.17	27.83
346	5.5	90.67	29.33
347	5.33	96	30.67
348	4.42	100.42	31.08
349	4.75	105.17	31.83
350	5	110.17	32.83
351	4.58	114.75	33.42
352	3.42	118.17	33.42
353	4	122.17	33.42
354	4	126.17	33.42
355	3.83	130	33.42
356	4	134	33.42
357	3.58	137.58	33.42
358	2.92	140.5	33.42
359	2.5	143	33.42
360	2.67	145.67	33.42
361	3	148.67	33.42
362	2.75	151.42	33.42
363	2.08	153.5	33.42

EAST DOVER N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
364	2	155.5	33.42
365	2	157.5	33.42
366	2.33	159.83	33.42
1	2.5	162.33	33.42
2	2.5	164.83	33.42
3	2.5	167.33	33.42
4	2	169.33	33.42
5	2	171.33	33.42
6	2	173.33	33.42
7	2	175.33	33.42
8	1.75	177.08	33.42
9	1.83	178.92	33.42
10	1.5	180.42	33.42
11	1.5	181.92	33.42
12	1.5	183.42	33.42
13	2	185.42	33.42
14	2.5	187.92	33.42
15	2.5	190.42	33.42
16	2.17	192.58	33.42
17	2	194.58	33.42
18	1.58	196.17	33.42
19	1.5	197.67	33.42
20	1.58	199.25	33.42
21	1.92	201.17	33.42
22	1.5	202.67	33.42
23	1.5	204.17	33.42
24	1.42	205.58	33.42
25	1	205.58	33.42
26	1.33	207.92	33.42
27	1.5	209.42	33.42
28	1.5	210.92	33.42
29	1.5	212.42	33.42
30	1.5	213.92	33.42
31	1.5	215.42	33.42
32	1.5	216.92	33.42
33	1.5	218.42	33.42
34	1	219.42	33.42
35	1	220.42	33.42
36	1.42	221.83	33.42
37	1.5	223.33	33.42
38	1	224.33	33.42
39	1	225.33	33.42
40	1	226.33	33.42
41	1	227.33	33.42
42	1	228.33	33.42
43	1	229.33	33.42
44	1	230.33	33.42
45	1	231.33	33.42
46	1	232.33	33.42
47	1	233.33	33.42
48	1	234.33	33.42
49	1	235.33	33.42
50	1	236.33	33.42

EAST DOVER N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
51	1	237.33	33.42
52	1	238.33	33.42
53	1	239.33	33.42
54	1	240.33	33.42
55	1	241.33	33.42
56	1	242.33	33.42
57	1.5	243.83	33.42
58	1.67	245.5	33.42
59	2	247.5	33.42
60	2	249.5	33.42
61	1.83	251.33	33.42
62	1.5	252.83	33.42
63	1.5	254.33	33.42
64	1.5	255.83	33.42
65	1.5	257.33	33.42
66	1.5	258.83	33.42
67	1.5	260.33	33.42
68	1.5	261.83	33.42
69	1.5	263.33	33.42
70	1.5	264.83	33.42
71	1.5	266.33	33.42
72	1.5	267.83	33.42
73	1.5	269.33	33.42
74	1.58	270.92	33.42
75	2	272.92	33.42
76	2	274.92	33.42
77	2	276.92	33.42
78	2	278.92	33.42
79	2	280.92	33.42
80	2	282.92	33.42
81	2	284.92	33.42
82	2	286.92	33.42
83	2	288.92	33.42
84	2	290.92	33.42
85	2	292.92	33.42
86	2	294.92	33.42
87	2	296.92	33.42
88	2	298.92	33.42
89	2	300.92	33.42
90	2	302.92	33.42
91	2	304.92	33.42
92	2	306.92	33.42
93	2	308.92	33.42
94	2.42	311.34	33.42
95	2.17	313.5	33.42
96	2.33	315.84	33.42
97	2.58	318.42	33.42
98	3	321.42	33.42
99	2.67	324.08	33.42
100	2.17	326.25	33.42
101	2.67	328.92	33.42
102	2.83	331.75	33.42
103	2.5	334.25	33.42

EAST DOVER N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
104	2.17	336.42	33.42
105	2.17	338.58	33.42
106	2.67	341.25	33.42
107	3	344.25	33.42
108	2.5	346.75	33.42
109	2.33	349.08	33.42
110	3	352.08	33.42
111	3	355.08	33.42
112	3	358.08	33.42
113	3.42	362	33.42
114	3.5	365.08	33.41

EAST DOVER N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
228	7	44.5	63.65	MAY 15, 1982 16:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
135	5	1.67	.83
136	5.67	7.33	2
137	5.33	12.67	3.33
138	4.92	17.58	4.25
139	4.58	22.17	4.83
140	4	26.17	4.83
141	4.42	30.58	5.25
142	4.33	35.42	6.08
143	4.58	40	6.67
144	4.5	44.5	7.17
145	4.5	49	7.67
146	4.5	53.5	8.17
147	4.5	58	8.67
148	4.92	62.92	9.58
149	5	67.92	10.58
150	5.42	73.33	12
151	5	78.33	13
152	4.5	82.83	13.5
153	5.08	87.92	14.58
154	6	93.92	16.58
155	6	99.92	18.58
156	6.08	106	20.67
157	7.25	113.25	23.92
158	5.17	118.42	25.08
159	4.5	122.92	25.58
160	5.17	128.08	26.83
161	3.25	131.33	26.83
162	3.25	134.58	26.83
163	5.58	140.17	28.42
164	6.42	146.58	30.83
165	6.25	152.83	33.06
166	6.5	159.33	35.58
167	6.67	166	38.25
168	5.92	171.92	40.17
169	5.5	177.42	41.67

EAST DOVER N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
170	6.25	183.67	43.92
171	5.38	190.25	45.5
172	6.25	196.5	48.75
173	8	204.5	52.75
174	7.75	212.25	56.5
175	6.5	218.75	59
176	8.58	227.33	63.58
177	9.25	236.58	68.33
178	6.17	242.75	71
179	5.58	248.33	72.58
180	8.5	256.83	77.08
181	8.67	265.5	81.75
182	8.5	274	85.25
183	8.83	282.83	91.08
184	8.5	291.33	95.58
185	8.5	299.83	100.08
186	7.67	307.5	103.75
187	7.5	315	107.25
188	6.42	321.42	109.67
189	6.58	328	112.25
190	5.5	333.5	113.75
191	5.17	338.67	114.92
192	5.33	344	115.25
193	6.58	350.58	118.83
194	8.75	359.33	123.58
195	9.42	368.75	129
196	5.5	374.25	130.5
197	5.75	380	132.25
198	6.5	386.5	134.75
199	6.67	393.17	137.42
200	7.08	400.25	140.5
201	8.5	408.75	145
202	10.5	419.25	151.5
203	9.92	429.17	157.42
204	10.58	439.75	164
205	10.58	450.33	170.58
206	10.92	461.25	177.5
207	12	473.25	185.5
208	12.33	485.58	193.83
209	10.33	495.92	200.17
210	11	506.92	207.17
211	11	517.92	214.17
212	11.67	529.58	221.83
213	11.75	541.33	229.58
214	11.92	553.25	237.5
215	10.67	563.92	244.17
216	11	574.92	251.17
217	13.08	588	260.25
218	15.67	603.67	271.92
219	15.5	619.17	283.42
220	15.5	634.67	294.92
221	15.5	650.17	306.42
222	15.5	665.67	317.92

EAST DOVER N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
223	15.83	581.5	829.75
224	16.08	597.58	841.83
225	15.33	712.92	853.17
226	14.08	727	863.25
227	14.75	741.75	874
228	15.33	757.08	885.33
229	13.67	770.75	895
230	8.92	779.67	899.92
231	11.58	791.25	907.5
232	14.42	805.67	917.92
233	15.33	821	929.25
234	15.5	836.5	940.75
235	15.5	852	952.25
236	12.83	864.83	961.58
237	14.67	879.5	971.75
238	15.25	894.75	983
239	15.17	909.92	994.17
240	15	924.92	1005.17
241	15.25	940.17	1016.42
242	15.67	955.83	1028.08
243	15.75	971.58	1039.83
244	16.08	987.67	1051.92
245	17.25	1004.92	1065.17
246	17.5	1022.42	1078.67
247	17.5	1039.92	1092.17
248	17.5	1057.42	1105.67
249	17.5	1074.92	1119.17
250	17.5	1092.42	1132.67
251	17.5	1109.91	1145.17
252	17.5	1127.41	1159.67
253	17.5	1144.91	1173.17
254	17.5	1162.41	1186.67
255	17.5	1179.91	1200.17
256	17.08	1197	1213.25
257	16.92	1213.91	1226.17
258	17	1230.91	1239.17
259	16.83	1247.75	1252
260	16.5	1264.25	1264.5
261	16.5	1280.75	1277
262	16.5	1297.25	1289.5
263	16.5	1313.75	1302
264	15.25	1329	1313.25
265	15.67	1344.66	1324.92
266	15.75	1360.41	1336.67
267	15.33	1375.75	1348
268	14.67	1390.41	1358.67
269	14.5	1404.91	1369.17
270	14.5	1419.41	1379.67
271	14.5	1433.91	1390.17
272	12	1445.91	1398.17
273	9.25	1455.15	1403.42
274	8.83	1464	1408.25
275	10.92	1474.91	1415.17

EAST DOVER N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
275	11.33	1486.25	922.5
277	9.92	1496.16	928.42
278	8.92	1505.08	933.33
279	9.17	1514.25	938.5
280	10	1524.25	944.5
281	9.67	1533.91	950.17
282	8.75	1542.66	954.92
283	8.5	1551.16	959.42
284	8.83	1560	964.25
285	9.5	1569.5	969.75
286	10.33	1579.83	975.08
287	10.75	1590.58	982.83
288	11	1601.58	989.83
289	10.75	1612.33	996.58
290	10.5	1622.83	1003.08
291	10.5	1633.33	1009.58
292	10.5	1643.83	1016.08
293	10.5	1654.33	1022.58
294	10.5	1673.58	1034.49

NEW HARBOUR N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
28A	14	45.13	61.36	NOV 18, 1980 12:10 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
323	6	3	1
324	6	9	3
325	6	15	5
326	6	21	7
327	6	27	9
328	6	33	11
329	6	39	13
330	6	45	15
331	6	51	17
332	5.67	56.67	18.67
333	5.5	62.17	20.17
334	5.42	67.58	21.58
335	5	72.58	22.58
336	5	77.58	23.58
337	5	82.58	24.58
338	5	87.58	25.58
339	5	92.58	26.58
340	5	97.58	27.58
341	5	102.58	28.58
342	5	107.58	29.58
343	5	112.58	30.58
344	5	117.58	31.58
345	5	122.58	32.58
346	5	127.58	33.58
347	4.5	132.08	34.08
348	4.25	136.33	34.33
349	4	140.33	34.33

NEW HARBOUR A.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
350	3.92	144.25	34.33
351	3.17	147.42	34.33
352	3	150.42	34.33
353	3	153.42	34.33
354	3	156.42	34.33
355	3	159.42	34.33
356	2.5	161.92	34.33
357	2	163.92	34.33
358	2	165.92	34.33
359	2	167.92	34.33
360	2	169.92	34.33
361	1.75	171.67	34.33
362	1.5	173.17	34.33
363	1	174.17	34.33
364	1	175.17	34.33
365	.58	175.75	34.33
366	1	176.75	34.33
1	1	177.75	34.33
2	1	178.75	34.33
3	.75	179.5	34.33
4	.17	179.67	34.33
5	.42	180.08	34.33
6	1	181.08	34.33
7	.92	182	34.33
8	.08	182.08	34.33
9	.42	182.5	34.33
10	.25	182.75	34.33
11	0	182.75	34.33
12	.25	183	34.33
13	0	183	34.33
14	0	183	34.33
15	.83	183.83	34.33
16	.58	184.42	34.33
17	0	184.42	34.33
18	0	184.42	34.33
19	0	184.42	34.33
20	0	184.42	34.33
21	0	184.42	34.33
22	0	184.42	34.33
23	0	184.42	34.33
24	0	184.42	34.33
25	0	184.42	34.33
26	0	184.42	34.33
27	0	184.42	34.33
28	0	184.42	34.33
29	0	184.42	34.33
30	0	184.42	34.33
31	-.17	184.42	34.33
32	-.5	184.42	34.33
33	-.5	184.42	34.33
34	-.5	184.42	34.33
35	-.5	184.42	34.33
36	-.5	194.42	34.33

NEW HARBOUR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
37	-.83	184.42	34.33
38	-1	184.42	34.33
39	-1	184.42	34.33
40	-1	184.42	34.33
41	-1	184.42	34.33
42	-1	184.42	34.33
43	-.83	184.42	34.33
44	-.5	184.42	34.33
45	-.5	184.42	34.33
46	-.5	184.42	34.33
47	-.5	184.42	34.33
48	-.33	184.42	34.33
49	0	184.42	34.33
50	0	184.42	34.33
51	0	184.42	34.33
52	0	184.42	34.33
53	0	184.42	34.33
54	0	184.42	34.33
55	0	184.42	34.33
56	0	184.42	34.33
57	0	184.42	34.33
58	0	184.42	34.33
59	0	184.42	34.33
60	0	184.42	34.33
61	0	184.42	34.33
62	0	184.42	34.33
63	0	184.42	34.33
64	0	184.42	34.33
65	.0	184.42	34.33
66	.0	184.41	34.33

NEW HARBOUR N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
28B	14	45.13	61.38	APR 22, 1961 8100 SAT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
112	1.5	1	0
113	1.5	2.5	0
114	1.5	4	0
115	1.5	5.5	0
116	1.5	7	0
117	1.5	8.5	0
118	1.5	10	0
119	2	12	0
120	2	14	0
121	2	16	0
122	2.17	18.17	0
123	2.5	20.67	0
124	2	22.67	0
125	2	24.67	0
126	2	26.67	0
127	1.83	28.5	0

NEW HARBOUR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
128	1.5	30	0
129	1.5	31.5	0
130	1.5	33	0
131	1.5	34.5	0
132	1.5	36	0
133	1.5	37.5	0
134	1.5	39	0
135	1.5	40.5	0
136	1.5	42	0
137	1.5	43.5	0
138	1.17	44.67	0
139	1.17	45.83	0
140	1.5	47.33	0
141	2	49.33	0
142	4	53.33	0
143	3.67	57	0
144	3.5	60.5	0
145	3	63.5	0
146	3.25	66.75	0
147	3.5	70.25	0
148	3.5	73.75	0
149	3.5	77.25	0
150	3.5	80.75	0
151	3.5	84.25	0
152	3.58	87.83	0
153	3.5	91.33	0
154	3.5	94.83	0
155	3.83	98.67	0
156	3.83	102.5	0
157	3.67	106.17	0
158	3.5	109.67	0
159	3.17	112.83	0
160	3.08	115.92	0
161	3	118.92	0
162	3.58	122.5	0
163	4.58	127.08	.58
164	4.75	131.83	1.33
165	4.5	136.33	1.83
166	3.58	139.92	1.83
167	3.5	143.42	1.83
168	3.83	147.25	1.83
169	4.92	152.17	2.75
170	5	157.17	3.75
171	5	162.17	4.75
172	5	167.17	5.75
173	5	172.17	6.75
174	3.83	176	6.92
175	3	179	6.92
176	4.17	183.17	7.33
177	3.92	187.08	7.33
178	3.5	190.58	7.33
179	3.83	194.42	7.33
180	5.08	199.5	8.42

NEW HARBOUR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
181	4.67	204.17	9.08
182	5.08	209.25	10.17
183	5.33	214.58	11.5
184	4.5	219.08	12
185	4.5	223.58	12.5
186	4.75	228.33	13.25
187	4.83	233.17	14.08
188	5	238.17	15.08
189	5	243.17	16.08
190	5.83	249	17.92
191	6.67	255.67	20.58
192	6.58	262.25	23.17
193	6.33	268.58	25.5
194	7.67	276.25	29.17
195	7	283.25	32.17
196	6	289.25	34.17
197	6	295.25	36.17
198	6.42	301.67	38.56
199	9.08	310.75	42.67
200	10	320.75	46.67
201	9.58	330.33	50.25
202	8	338.33	54.25
203	7.75	346.08	58
204	8.17	354.25	57.17
205	8.83	363.08	72
206	9.17	372.25	77.17
207	9.5	381.75	82.67
208	9.08	390.83	87.75
209	8.92	399.75	92.67
210	10.17	409.92	98.83
211	11.08	421	105.92
212	10.25	431.25	112.17
213	9.5	440.75	117.67
214	9.25	450	122.92
215	9.33	459.33	128.25
216	11.17	470.5	135.42
217	14.42	484.92	145.83
218	16	500.92	157.83
219	15.5	516.42	169.33
220	13.42	529.83	179.75
221	12.08	541.92	185.83
222	11.5	553.42	194.33
223	11.08	564.5	201.42
224	9.92	574.42	207.33
225	8.83	583.25	212.17
226	10.42	593.67	218.58
227	11	604.67	225.58
228	10.75	615.42	232.33
229	8.92	624.33	237.25
230	13.67	638	246.92
231	14.33	652.33	257.25
232	14	666.33	267.25
233	13.25	679.58	276.5

NEW HARBOUR N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
234	12.75	692.33	250.25
235	13.75	706.08	248
236	15.17	721.25	305.17
237	14.42	735.67	315.33
238	12.92	748.58	325.5
239	13.17	761.75	334.67
240	12.08	773.83	342.75
241	13.75	787.58	352.5
242	14.83	802.42	363.33
243	15	817.42	374.33
244	15.75	833.17	385.08
245	16.75	849.92	398.83
246	17	866.92	411.83
247	17	883.92	424.83
248	16.92	900.83	437.75
249	16.08	916.92	449.83
250	16	932.92	461.83
251	16.25	949.17	474.08
252	15	964.17	485.08
253	13.33	977.5	494.42
254	11.83	989.33	502.25
255	8.17	997.5	506.42
256	10.08	1007.58	512.5
257	13.67	1021.25	522.17
258	15.42	1036.67	533.58
259	15.5	1052.17	545.08
260	15.5	1067.67	556.58
261	10.33	1078	564.25
262	0	1078	564.25
263	0	1078	564.25
264	0	1078	564.25
265	0	1078	564.25
266	0	1078	564.25
267	0	1078	564.25
268	0	1078	564.25
269	0	1078	564.25
270	0	1078	564.25
271	0	1078	564.25
272	0	1078	564.25
273	0	1078	564.25
274	0	1078	564.25
275	0	1078	564.25
276	0	1078	564.25
277	0	1078	564.25
278	0	1078	564.25
279	0	1078	564.25
280	0	1078	564.25
281	0	1078	564.25
282	0	1078	564.25
283	0	1078	564.25
284	0	1078	564.25

DORTS COVE N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
29A	11	45.05	61.43	MAR 2, 1984 0800 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
61	2.5	1.67	0
62	2.5	4.17	0
63	2.5	6.67	0
64	2.5	9.17	0
65	2.5	11.67	0
66	2.5	14.17	0
67	2.5	16.67	0
68	2	18.67	0
69	2.33	21	0
70	2.5	23.5	0
71	2.5	26	0
72	2.5	28.5	0
73	2.5	31	0
74	3	34	0
75	3	37	0
76	3	40	0
77	3	43	0
78	3	46	0
79	3	49	0
80	3	52	0
81	3	55	0
82	3	58	0
83	3.42	61.42	0
84	3.33	64.75	0
85	3	67.75	0
86	3	70.75	0
87	3.25	74	0
88	3.08	77.08	0
89	3	80.08	0
90	3	83.08	0
91	3	86.08	0
92	3.17	89.25	0
93	3.5	92.75	0
94	3.83	96.58	.08
95	3.75	100.33	.17
96	4.25	104.58	.5
97	4.5	109.08	1
98	4.17	113.25	1.17
99	4.17	117.42	1.42
100	3.5	120.92	1.42
101	4	124.92	1.42
102	3.75	128.67	1.42
103	3.92	132.58	1.58
104	4.25	136.83	1.83
105	5.67	142.5	3.5
106	4.75	147.25	4.25
107	4.08	151.33	4.33
108	4.17	155.5	4.5
109	5.75	161.25	5.25
110	4.33	165.58	5.58

DORTS COVE N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
111	3.5	189.08	6.58
112	3.42	172.5	6.58
113	3.58	179.08	6.58
114	4.67	180.75	7.25
115	5.25	187	9.5
116	6.5	193.5	12
117	5.42	199.92	14.42
118	5	205.92	16.42
119	6	211.92	18.42
120	5.83	217.75	20.25
121	5.08	222.83	21.33
122	5	227.83	22.33
123	5	232.83	23.33
124	5.25	238.08	24.58
125	5	243.08	25.58
126	4.83	247.92	26.42
127	4.5	252.42	26.92
128	4.83	257.25	27.75
129	4.5	261.75	28.25
130	5.25	267	29.5
131	5.83	272.83	31.33
132	4.67	277.5	32
133	5.42	282.92	33.42
134	5.42	288.33	34.83
135	5.5	293.83	36.33
136	6.83	300.67	39.17
137	7.08	307.75	42.25
138	6.75	314.5	45
139	6	320.5	47
140	7.17	327.67	50.17
141	7.08	334.75	53.25
142	7.08	341.83	56.33
143	6.83	348.67	59.17
144	6.25	354.92	61.42
145	6.08	361	63.5
146	6.58	367.58	66.08
147	6.42	374	68.5
148	6.08	380.08	70.58
149	6.5	386.58	73.08
150	6.67	393.25	75.75
151	7.08	400.33	78.83
152	9.58	409.92	84.42
153	11.83	421.75	92.25
154	10.92	432.67	99.17
155	10.33	443	105.5
156	11.08	454.08	112.58
157	9.67	463.75	119.25
158	8.67	472.42	122.92
159	8	480.42	126.92
160	8.08	488.5	131
161	8.5	497	135.5
162	8.42	505.42	139.92
163	6.58	512	142.5

DORTS COVE N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
164	8.58	520.58	147.03
165	9.42	530	152.5
166	9.17	539.17	157.67
167	9.25	548.42	162.92
168	10.33	558.75	169.25
169	10.17	568.92	175.42
170	9.58	578.5	181
171	10.92	589.42	187.42
172	12	601.42	195.92
173	13.17	614.58	205.08
174	14.83	629.42	215.92
175	14.5	643.92	226.42
176	14	657.92	236.42
177	13.58	671.5	246
178	14	685.5	255
179	14.25	699.75	266.25
180	13.25	713	275.5
181	11.92	724.92	283.42
182	13	746.58	298.41

DORTS COVE N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
298	15	45.35	61.43	OCT 8, 1980 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
282	12.5	6.25	4.25
283	12.5	18.75	12.75
284	12.5	31.25	21.25
285	12.25	43.5	29.5
286	11.67	55.17	37.17
287	12	67.17	45.17
288	12	79.17	53.17
289	11.17	90.33	60.33
290	10.5	100.83	66.83
291	11	111.83	73.83
292	11	122.83	80.83
293	11	133.83	87.83
294	10.92	144.75	94.75
295	10.08	154.83	100.83
296	10.17	165	107
297	10.58	175.58	113.58
298	10.5	186.08	120.08
299	9.67	195.75	125.75
300	10	205.75	131.75
301	10	215.75	137.75
302	10	234.08	148.74

WRECK COVE N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
31A	15	46.5	60.33	JULY 15, 1980 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	LEG. DAY (4)
197	1.17	.58	0
198	1.17	1.75	0
199	1.08	2.83	0
200	1.5	4.33	0
201	1.33	5.67	0
202	1	6.67	0
203	1	7.67	0
204	1	8.67	0
205	1	9.67	0
206	1	10.67	0
207	1	11.67	0
208	1	12.67	0
209	1	13.67	0
210	1	14.67	0
211	1	15.67	0
212	.83	16.5	0
213	.92	17.42	0
214	.67	18.08	0
215	1	19.08	0
216	1	20.08	0
217	1	21.08	0
218	1	22.08	0
219	1	23.08	0
220	.67	23.75	0
221	.58	24.33	0
222	1	25.33	0
223	.5	25.83	0
224	.58	26.42	0
225	.83	27.25	0
226	.58	27.83	0
227	.5	28.33	0
228	.5	28.83	0
229	.58	29.42	0
230	.5	29.92	0
231	.92	30.83	0
232	1	31.83	0
233	1	32.83	0
234	.5	33.33	0
235	.83	34.17	0
236	.58	34.75	0
237	.5	35.25	0
238	.5	35.75	0
239	.5	36.25	0
240	.5	36.75	0
241	.5	37.25	0
242	.5	37.75	0
243	.5	38.25	0
244	.5	38.75	0
245	.5	39.25	0
246	.67	39.92	0

WRECK COVE N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
247	1	40.92	0
248	1	41.92	0
249	1	42.92	0
250	1	43.92	0
251	1	44.92	0
252	1	45.92	0
253	1	46.92	0
254	1	47.92	0
255	1	48.92	0
256	1	49.92	0
257	1	50.92	0
258	1	51.92	0
259	1.42	53.33	0
260	1.08	54.42	0
261	1.08	55.5	0
262	1	56.5	0
263	1	57.5	0
264	1	58.5	0
265	1	59.5	0
266	1.25	60.75	0
267	1	61.75	0
268	1	62.75	0
269	1	63.75	0
270	1	64.75	0
271	1	65.58	0

APPENDIX 5

AREA 2 GULF

MEAN DAILY TEMPERATURES, DEGREE DAYS

BAYFIELD N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
32	5	45.62	81.75	JUNE 3, 1981 16:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
154	10.5	3.5	2.17
155	10.42	13.92	8.59
156	10.58	24.5	15.17
157	11	35.5	22.17
158	10.5	46	28.67
159	11.5	57.5	36.17
160	11.58	69.08	43.75
161	10.17	79.25	49.92
162	9.67	88.92	55.58
163	10.17	99.08	61.75
164	10	109.08	67.75
165	10.17	119.25	73.92
166	10.17	129.42	80.08
167	10.58	140	86.67
168	10.83	150.83	93.5
169	11.75	162.58	101.25
170	12.33	174.92	109.08
171	12.25	187.17	117.83
172	12.42	199.58	125.25
173	12.17	211.75	134.42
174	13.83	225.58	144.25

BAYFIELD N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
175	13.5	239.08	153.75
176	10.58	249.67	160.33
177	12.75	262.42	169.08
178	14.42	276.83	179.5
179	14.67	291.5	190.17
180	15	306.5	201.17
181	16.42	322.92	213.58
182	17.08	340	226.67
183	18.08	358.08	240.75
184	18	376.08	254.75
185	17.75	393.83	268.5
186	17.42	411.25	281.92
187	18.17	429.42	296.08
188	17.75	447.17	309.83
189	17.5	464.67	323.33
190	17.75	482.42	337.08
191	17.83	500.25	350.92
192	17.83	518.08	364.75
193	17.25	535.33	378
194	16.92	552.25	390.92
195	16.58	568.83	403.5
196	16.5	585.33	416
197	16.5	601.83	428.5
198	17	618.83	441.5
199	17.42	636.25	454.92
200	17.08	653.33	468
201	16.75	670.08	480.75
202	16.92	687	493.67
203	17.75	704.75	507.42
204	18.42	723.17	521.83
205	18.5	741.67	536.33
206	18.75	760.42	551.08
207	17.67	778.08	564.75
208	17.83	795.92	578.58
209	17.5	813.42	592.08
210	17.83	831.25	605.92
211	18.75	850	620.67
212	19.08	869.08	635.75
213	17.58	886.67	649.33
214	17.83	904.5	663.17
215	18	922.5	677.17
216	18	940.5	691.17
217	18	958.5	705.17
218	18	976.5	719.17
219	18.33	994.83	733.5
220	18.5	1013.33	748
221	18.5	1031.83	762.5
222	18	1049.83	776.5
223	18	1067.83	790.5
224	18	1085.83	804.5
225	18.08	1103.92	818.58
226	18.5	1122.42	833.08
227	18.5	1140.92	847.58

BAYFIELD N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
229	16.75	1189.67	852.33
229	16.58	1178.25	870.92
230	18	1196.25	890.92
231	18	1214.25	904.92
232	18	1232.25	918.92
233	18	1250.25	932.92
234	18.33	1268.58	947.25
235	18.08	1286.67	961.33
236	17.5	1304.17	974.83
237	17.5	1321.67	988.33
238	17.5	1339.17	1001.83
239	17.25	1356.42	1015.08
240	17	1373.42	1028.08
241	17.5	1390.92	1041.58
242	17.17	1408.08	1054.75
243	17.5	1425.58	1068.25
244	17.33	1442.92	1081.58
245	17	1459.92	1094.58
246	17.42	1477.33	1108
247	17.5	1494.83	1121.5
248	17.33	1512.17	1134.83
249	17	1529.17	1147.83
250	17.33	1546.5	1161.17
251	18	1564.5	1175.17
252	18	1582.5	1189.17
253	17.67	1600.17	1202.83
254	17.5	1617.67	1216.33
255	17.75	1635.42	1230.08
256	17.5	1652.92	1243.58
257	17.75	1670.67	1257.33
258	18.33	1689	1271.67
259	18.75	1707.75	1286.42
260	16.92	1724.67	1299.33
261	16.5	1741.17	1311.83
262	16.5	1757.67	1324.33
263	16.5	1774.17	1336.83
264	16.25	1790.42	1349.08
265	15.92	1806.33	1361
266	15.5	1821.83	1372.5
267	15.33	1837.17	1383.83
268	15	1852.17	1394.83
269	14.58	1866.75	1405.42
270	14.5	1881.25	1415.92
271	14.5	1895.75	1426.42
272	14.17	1909.91	1436.58
273	14	1923.92	1446.58
274	13.67	1937.58	1456.25
275	13.5	1951.08	1465.75
275	13.5	1964.58	1475.25

TONEY RIVER N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
34	19	45.8	62.33	JUNE 4 1982 1230 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
155	11.17	5.58	3.58
156	11.83	17.42	11.42
157	11.5	28.92	18.92
158	10.08	39	25
159	11.09	50.08	32.08
160	12	62.08	40.08
161	11.58	73.67	47.67
162	11.58	85.25	55.25
163	12	97.25	63.25
164	11.33	108.58	70.58
165	11.33	119.92	77.92
166	11.58	131.5	85.5
167	12	143.5	93.5
168	12.08	155.58	101.58
169	13.25	168.83	113.83
170	13.33	182.17	123.17
171	13.08	195.25	129.25
172	13.83	209.08	139.08
173	14.08	223.17	149.17
174	13.67	236.83	158.83
175	14.08	250.92	166.92
176	15	265.92	179.92
177	13.67	279.58	189.58
178	12.25	291.83	197.83
179	14.58	306.42	208.42
180	15.08	321.5	219.5
181	14.75	336.25	230.25
182	15.08	351.33	241.33
183	15.75	367.08	253.08
184	15.92	383	265
185	15.92	398.92	276.92
186	16.42	415.33	289.33
187	17	432.33	302.33
188	17.42	449.75	315.75
189	17.67	467.42	329.42
190	17.58	485	343
191	18	503	357
192	18.17	521.17	371.17
193	18.67	539.83	385.83
194	17.92	557.75	399.75
195	17.25	575	413
196	17.92	592.92	425.92
197	17.58	610.5	440.5
198	17.58	628.08	454.08
199	18.17	646.25	468.25
200	18.25	664.5	482.5
201	18.25	694.91	500.25

SKINNERS COVE N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
35	11	45.63	63.65	JULY 3, 1981 1030 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
184	15.5	10.33	7.07
185	14.5	24.83	16.17
186	14.58	39.42	26.75
187	14.83	54.25	36.58
188	16.5	70.75	52.08
189	16.67	87.42	64.75
190	16.42	103.83	77.17
191	16.5	120.33	89.67
192	15.58	135.92	101.25
193	14.83	150.75	111.58
194	16.5	167.25	124.38
195	16.5	183.75	136.83
196	16.67	200.42	149.55
197	17	217.42	162.55
198	17	234.42	175.55
199	16.58	250.8	188.13
200	15.5	266.3	199.63
201	15.58	281.88	211.22
202	16	297.88	223.22
203	16	313.88	235.22
204	16.25	330.13	247.47
205	16.25	346.38	259.72
206	15.5	361.88	271.22
207	17	378.88	284.22
208	17	395.88	297.22
209	17	412.88	310.22
210	17	429.88	323.22
211	17	446.88	336.22
212	16.58	463.47	348.8
213	15.75	480.22	361.55
214	16.25	496.47	373.8
215	16.17	512.63	385.97
216	15.67	528.3	397.63
217	13.92	542.22	407.05
218	14.75	555.97	418.3
219	15.58	572.55	429.88
220	15.75	588.3	441.63
221	15.42	604.72	454.05
222	16.08	620.8	466.13
223	16.5	637.3	478.63
224	17.5	654.8	492.13
225	18	672.8	505.13
226	17.33	690.13	519.47
227	15.42	705.55	530.88
228	16.58	722.13	543.47
229	17.5	739.63	556.97
230	17.5	757.13	570.47
231	16.25	773.38	582.72
232	16.5	789.88	595.22
233	16.58	806.47	607.8

SKINNERS COVE N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
234	16.58	823.08	820.38
235	17.5	840.58	833.88
236	17.5	858.08	847.38
237	17.08	875.13	860.47
238	17	892.13	877.47
239	17	909.13	894.47
240	16.92	926.05	909.38
241	17	943.05	926.38
242	17	960.05	943.38
243	16.92	976.97	959.3
244	16.25	993.22	975.55
245	15.75	1008.97	990.3
246	15.58	1024.55	1005.88
247	15.92	1040.47	1021.8
248	16.08	1056.55	1037.88
249	16.5	1073.05	1054.38
250	16.33	1089.38	1070.72
251	16	1105.38	1086.72
252	16	1121.38	1102.72
253	16	1137.38	1118.72
254	16.17	1153.55	1134.88
255	16.5	1170.05	1151.38
256	16.17	1186.21	1167.55
257	15.83	1202.05	1183.38
258	15.92	1217.96	1199.3
259	15.67	1233.63	1214.97
260	14.58	1248.21	1229.55
261	14.08	1262.3	1243.63
262	14	1276.3	1257.63
263	14	1290.3	1271.63
264	14	1308.96	1284.96

PUGWASH N.S.

STATION	DEPTH	LATITUDE	LONGITUDE	START
368	12	45.86	63.7	JUNE 29, 1981 1100 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
180	13.88	9.25	6.58
181	13.58	22.83	15.17
182	13.75	36.58	25.92
183	14	50.58	35.92
184	13.58	64.17	45.5
185	14.25	78.42	55.75
186	14.5	92.92	66.25
187	14	106.92	76.25
188	14.5	121.42	86.75
189	14.83	135.25	97.58
190	16.42	152.67	110
191	16.25	168.92	122.25
192	16.67	185.58	134.92
193	16.5	202.08	147.42
194	16.33	218.42	159.75

PUGWASH N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
195	16.42	234.83	172.17
196	17	251.83	185.17
197	17	268.83	198.17
198	17	285.83	211.17
199	17	302.83	224.17
200	17	319.83	237.17
201	17	336.83	250.17
202	17	353.83	263.17
203	17	370.83	276.17
204	17	387.83	289.17
205	17	404.83	302.17
206	16.58	421.42	314.75
207	16.25	437.67	327
208	16.08	453.75	339.08
209	17	470.75	352.08
210	17	487.75	365.08
211	17.08	504.83	378.17
212	17.5	522.33	391.67
213	17.5	539.83	405.17
214	17.67	557.5	418.83
215	18	575.5	432.83
216	17.58	593.08	446.42
217	17.75	610.83	460.17
218	18	628.83	474.17
219	18	646.83	488.17
220	18	664.83	502.17
221	18	682.83	516.17
222	18	700.83	530.17
223	18	718.83	544.17
224	18	736.83	558.17
225	17.75	754.58	571.92
226	17.92	772.5	585.83
227	18	790.5	599.83
228	18	808.5	613.83
229	18	826.5	627.83
230	18	844.5	641.83
231	18	862.5	655.83
232	18	880.5	669.83
233	18	898.5	683.83
234	18	916.5	697.83
235	18	934.5	711.83
236	18	952.5	725.83
237	18	970.5	739.83
238	18	988.5	753.83
239	18	1006.5	767.83
240	18	1024.5	781.83
241	17.75	1042.25	795.58
242	17.5	1059.75	809.08
243	17.5	1077.25	822.58
244	17.58	1094.83	836.16
245	18	1112.83	850.16
246	18	1130.83	864.16
247	18	1148.83	878.16

PUGWASH N.S. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
248	18	1156.83	592.15
249	18	1174.83	605.16
250	18	1202.83	620.16
251	17.75	1220.58	633.91
252	17.5	1238.08	647.41
253	17.42	1255.5	660.83
254	17	1272.5	673.83
255	17	1289.5	686.83
256	17	1306.5	699.83
257	17	1323.5	1012.83
258	17	1340.5	1025.83
259	17	1357.5	1038.83
260	16.67	1374.17	1051.5
261	16.5	1390.67	1064
262	16.5	1407.17	1076.5
263	16.5	1423.67	1089
264	16	1439.67	1101
265	15.67	1455.33	1112.55
266	15.5	1470.83	1124.15
267	15.17	1486	1135.33
268	14.83	1500.83	1146.16
269	14.5	1515.33	1156.66
270	14.5	1529.83	1167.15
271	14.5	1544.33	1177.65
272	14.33	1558.67	1188
273	13.58	1572.25	1197.58
274	12.67	1584.92	1206.25
275	12.5	1597.42	1214.75
276	12.5	1609.92	1223.25
277	12.5	1622.42	1231.75
278	12.5	1634.92	1240.25
279	12.5	1647.42	1248.75
280	12.5	1659.92	1257.25
281	12.5	1672.42	1265.75
282	12.25	1684.67	1274
283	11.58	1696.25	1281.58
284	11	1707.25	1288.58
285	10.83	1718.09	1295.41
286	10.25	1728.34	1301.65
287	10	1738.34	1307.65
288	10	1748	1317.65

VICTORIA P.E.I. .

STATION	DEPTH	LATITUDE	LONGITUDE	START
37	11	46.18	63.48	MAY 13, 1981 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
133	6.17	3.08	1.06
134	6.5	9.58	3.58
135	6.33	15.92	5.92
136	7.33	23.75	9.75
137	7.83	31.58	13.58

VICTORIA P.E.I. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
138	6.92	38.5	15.5
139	6.5	45	19
140	5.92	50.92	20.92
141	5.5	56.42	22.42
142	6	62.42	24.42
143	5.75	68.17	25.17
144	6	74.17	29.17
145	6	80.17	30.17
146	5.33	86.5	32.5
147	6.83	93.33	35.33
148	7	100.33	38.33
149	7.5	107.83	41.83
150	8	115.83	45.83
151	7.17	123	49
152	7.25	130.25	52.25
153	8.33	138.58	55.58
154	8.42	147	61
155	8.33	155.33	65.33
156	9.33	164.67	70.67
157	9.17	173.83	75.83
158	7.67	181.5	79.5
159	6.67	188.17	82.17
160	8.75	196.92	86.92
161	8	204.92	90.92
162	8	212.92	94.92
163	8.67	221.58	99.58
164	9.17	230.75	104.75
165	10.17	240.92	110.92
166	9.75	250.67	116.67
167	10	260.67	122.67
168	10	270.67	128.67
169	10.67	281.33	135.33
170	11	292.33	142.33
171	10.67	303	149
172	10.08	313.08	155.08
173	11.17	324.25	162.25
174	11.5	335.75	169.75
175	11.08	346.83	175.83
176	11.5	358.33	184.33
177	11.92	370.25	192.25
178	12	382.25	200.25
179	12	394.25	208.25
180	12.08	406.33	215.33
181	12.75	419.08	225.08
182	13.25	432.33	234.33
183	13.5	445.83	243.83
184	13	458.83	252.83
185	12.25	471.08	261.08
186	12.42	483.5	269.5
187	12.08	495.58	277.58
188	12	507.58	285.58
189	10	517.58	291.58
190	10.17	527.75	297.75

VICTORIA P.E.I. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (5)	DEG. DAY (4)
191	9.5	537.21	303.25
192	10.67	547.92	309.92
193	13.75	561.67	319.67
194	13.75	577.42	331.42
195	12.75	590.17	340.17
196	11.08	601.25	347.25
197	12.83	614.08	356.08
198	14.5	628.58	369.58
199	14.67	643.25	377.25
200	15.5	658.75	388.75
201	17	675.75	401.75
202	17	692.75	414.75
203	17	709.75	427.75
204	16.58	726.33	440.33
205	16.5	742.83	452.83
206	16.17	759	465
207	15	774	476
208	15.33	789.33	487.33
209	15	804.33	498.33
210	15.5	819.83	509.83
211	15.5	835.33	521.33
212	15.5	850.83	532.83
213	15.5	866.33	544.33
214	16.17	882.5	556.5
215	17	899.5	569.5
216	17	916.5	582.5
217	17	933.5	595.5
218	17	950.5	608.5
219	17	967.5	621.5
220	17.33	984.83	634.83
221	17.5	1002.33	648.33
222	17.33	1019.67	661.67
223	16.17	1035.83	673.83
224	16.25	1052.08	685.08
225	16.92	1069	699
226	17	1086	712
227	16.67	1102.67	724.67
228	16.5	1119.17	737.17
229	16.5	1135.67	749.67
230	16.5	1152.17	762.17
231	16.5	1168.67	774.67
232	16.5	1185.17	787.17
233	16.5	1201.67	799.67
234	16.5	1218.17	812.17
235	16.25	1234.42	824.42
236	16	1250.41	836.42
237	16	1266.41	848.42
238	16	1282.41	860.42
239	16	1298.41	872.42
240	16	1314.41	884.42
241	16.5	1330.91	895.92
242	16.5	1347.41	909.42
243	17	1364.41	922.42

VICTORIA P.E.I. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
244	17	1381.41	985.42
245	17	1398.41	998.42
246	16.58	1415	961
247	16.5	1431.5	973.5
248	16.5	1448	986
249	16	1464	998
250	15.67	1479.67	1009.67
251	15.5	1495.17	1021.17
252	15.5	1510.67	1032.67
253	15.5	1526.17	1044.17
254	15.17	1541.33	1055.33
255	15	1556.33	1066.33
256	15	1571.33	1077.33
257	15	1586.33	1088.33
258	14.5	1600.83	1098.83
259	14.5	1622.58	1114.58

CAPE EGMONT P.E.I.

STATION	DEPTH	LATITUDE	LONGITUDE	START
398	16	46.42	64.33	JUNE 13, 1961 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
164	12.5	6.25	4.25
165	12.67	18.92	12.92
166	12.67	31.58	21.58
167	12.67	44.25	30.25
168	12.75	57	39
169	13.08	70.08	48.08
170	13.17	83.25	57.25
171	13.92	97.17	67.17
172	13.92	111.08	77.08
173	13.25	124.33	86.33
174	14.33	138.67	96.67
175	14.58	153.25	107.25
176	14.75	168	118
177	15.17	183.17	129.17
178	15	198.17	140.17
179	15.58	213.75	151.75
180	15.75	229.5	163.5
181	16	245.5	175.5
182	16.33	261.83	187.83
183	15.67	277.5	199.5
184	16.92	294.42	212.42
185	17.33	311.75	225.75
186	17.33	329.08	239.08
187	17.25	346.33	252.33
188	17.08	363.42	266.42
189	17.17	380.58	278.58
190	17	397.58	291.58
191	17.08	414.67	305.67
192	18	432.67	319.67
193	18	450.67	333.67

CAPE SAINT P.E.I. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
194	18.5	489.92	347.92
195	18.75	488.67	362.67
196	18.58	507.25	377.25
197	18	525.25	391.25
198	18	543.25	405.25
199	18	561.25	419.25
200	18.25	579.5	433.5
201	18.17	597.67	447.67
202	18.5	616.17	462.17
203	18.58	634.75	476.75
204	18.67	653.42	491.42
205	18.92	672.33	506.33
206	19	691.33	521.33
207	19.42	710.75	536.75
208	19.5	730.25	552.25
209	19.17	749.42	567.42
210	19	768.42	582.42
211	19	787.42	597.42
212	19	806.42	612.42
213	19	825.42	627.42
214	19.5	844.92	642.92
215	19.83	864.75	658.75
216	20	884.75	674.75
217	20	904.75	690.75
218	19.75	924.5	706.5
219	19.33	943.83	721.83
220	19	962.83	736.83
221	19	981.83	751.83
222	19.5	1001.33	767.33
223	19.58	1020.92	782.92
224	19.5	1040.42	798.42
225	19.58	1060	814
226	20	1080	830
227	20	1100	846
228	19.25	1119.25	861.25
229	19.08	1138.33	876.33
230	19.5	1157.83	891.83
231	19.5	1177.33	907.33
232	19.25	1196.58	922.58
233	18.58	1215.17	937.17
234	18.58	1233.75	951.75
235	18.83	1252.58	966.58
236	18.92	1271.5	981.5
237	19	1290.5	996.5
238	18.67	1309.17	1011.17
239	18.17	1327.33	1025.33
240	18	1345.33	1039.33
241	18	1363.33	1053.33
242	18	1381.33	1067.33
243	18	1399.33	1081.33
244	18	1417.33	1095.33
245	18.08	1435.42	1109.42
246	18.5	1453.92	1123.92

CAPE EGMONT P.E.I. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
247	18.58	1472.5	1138.5
248	19	1491.5	1158.5
249	19.92	1510.42	1178.42
250	18.5	1528.92	1196.92
251	18.5	1547.42	1215.42
252	18	1565.42	1233.42
253	18	1583.42	1251.42
254	17.75	1601.17	1269.17
255	17.5	1618.67	1286.67
256	17.33	1636	1304
257	17.5	1653.5	1321.5
258	17.5	1671	1339
259	17.42	1688.42	1356.42
260	17	1705.42	1373.42
261	17	1722.42	1390.42
262	17	1739.42	1407.42
263	17	1756.42	1424.42
264	17	1773.42	1441.42
265	16.67	1790.09	1458.09
266	16.25	1806.33	1474.33
267	15.75	1822.08	1490.08
268	15.25	1837.34	1505.33
269	14.42	1851.75	1519.75
270	14	1865.75	1533.75
271	13.75	1879.5	1547.5
272	13.5	1893	1561
273	13.75	1906.75	1574.75
274	14	1920.75	1588.75
275	13.42	1934.17	1602.17
276	11.58	1945.75	1613.75
277	11	1956.75	1624.75
278	11	1967.75	1635.75
279	11	1978.75	1646.75
280	11	1989.75	1657.75
281	11	2000.75	1668.75
282	11.5	2012.25	1680.25
283	11.5	2023.75	1691.75
284	11.5	2035.25	1703.25
285	10.92	2046.17	1714.17
286	10.08	2056.25	1724.25
287	9.67	2065.92	1733.91
288	9.5	2075.42	1743.41
289	9.75	2085.17	1753.17
290	10	2095.17	1763.17
291	10	2105.17	1773.17
292	10	2115.17	1783.17
293	9.67	2124.84	1792.83
294	9.5	2134.34	1802.33
295	9.5	2143.84	1811.83
296	9.33	2153.17	1821.17
297	9.5	2162	1830.33

MICROBUCTI N.B.

STATION	DEPTH	LATITUDE	LONGITUDE	START
428	14	40.8	64.67	AUG 249 1981 12:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
236	20.5	12.67	11
237	20.08	33.75	27.66
238	20	53.75	43.66
239	20	73.75	59.66
240	20	93.75	75.66
241	20	113.75	91.66
242	19.83	133.58	105.92
243	19.92	153.5	122.83
244	19.25	172.75	138.08
245	18.96	191.66	152.92
246	19	210.66	167.92
247	19.08	229.67	183
248	19.83	249.5	198.83
249	21	270.5	215.83
250	21	291.5	232.83
251	21	312.5	249.83
252	21	333.5	266.83
253	19.58	353.08	282.42
254	17.67	370.75	296.08
255	17.17	387.92	309.25
256	17.92	405.83	323.17
257	18.67	424.5	337.83
258	17.75	442.25	351.58
259	17.67	459.92	365.25
260	18.83	478.75	380.08
261	19	497.75	395.08
262	18.83	516.58	409.92
263	18.08	534.67	424
264	18	552.67	438
265	18	570.67	452
266	17.58	588.25	465.58
267	17.33	605.58	478.92
268	17	622.58	491.92
269	16.83	639.42	504.75
270	16.92	656.33	517.67
271	16.92	673.25	530.58
272	17	690.25	543.58
273	16.5	706.75	556.08
274	16	722.75	568.08
275	16	738.75	580.08
276	16	754.75	592.08
277	16	770.75	604.08
278	16	786.75	616.08
279	16	802.75	628.08
280	16	818.75	640.08
281	16	834.75	652.08
282	15.25	850	663.83
283	14.17	864.17	673.5
284	14	878.17	685.5
285	14	903.83	701.83

NORTH LAKE P.E.I.

STATION	DEPTH	LATITUDE	LONGITUDE	START
48A	5	46.5	62.0[illegible]	APR 23, 1981 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
113	3	1.5	0
114	2.5	4	0
115	2.5	6.5	0
116	2.67	9.17	0
117	2.67	11.83	0
118	3	14.83	0
119	2.17	17	0
120	2.5	19.5	0
121	2.75	22.25	0
122	3	25.25	0
123	3	28.25	0
124	3	31.25	0
125	2.83	34.08	0
126	2.58	36.67	0
127	3.42	40.08	0
128	3.58	43.67	0
129	4.08	47.75	.08
130	4.58	52.33	.67
131	5.17	57.5	1.83
132	5.5	63	3.33
133	4.42	67.42	3.75
134	4.75	72.17	4.5
135	5.17	77.33	5.67
136	5.25	82.58	6.92
137	4.92	87.5	7.83
138	5	92.5	8.33
139	5	97.5	9.83
140	5.08	102.58	10.92
141	5.5	108.08	12.42
142	5.83	113.92	14.25
143	5.25	119.17	15.5
144	5.08	124.25	16.58
145	5.5	129.75	18.08
146	5.83	135.58	19.92
147	6.08	141.67	22
148	6.42	148.08	24.42
149	7.17	155.25	27.58
150	7.5	162.75	31.08
151	8	170.75	35.08
152	8.42	179.17	39.5
153	8.5	187.67	44
154	8.83	196.5	48.83
155	9.5	206	54.33
156	9.38	215.38	59.92
157	9.5	224.88	65.42
158	9.92	234	71.33
159	10	244	77.33
160	10.17	254.17	83.5
161	10.08	264.25	89.58
162	10.08	274.33	95.67

NORTH LAKE P.E.I. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
163	10.25	285.5[illegible]	101.92
164	10.25	295.83	108.17
165	10.5	306.33	114.67
166	10.5	316.83	121.17
167	10.67	327.5	127.83
168	11.17	338.67	134
169	11.17	349.83	142.17
170	12.17	362	150.33
171	12.5	374.5	158.83
172	12.5	387	167.33
173	11.92	398.92	175.25
174	12.17	411.08	183.42
175	12.5	423.58	192.58
176	12.08	435.67	200
177	11.92	447.58	207.92
178	12.58	460.17	216.5
179	13	473.17	225.5
180	12.75	485.92	234.25
181	13	498.92	243.25
182	13.42	512.33	252.67
183	13.67	526	262.33
184	15.25	541.25	273.58
185	15.92	557.17	285.5
186	15	572.17	296.5
187	15.83	588	308.33
188	16.25	604.25	320.58
189	15.83	620.08	332.42
190	16	636.08	344.42
191	16.25	652.33	356.67
192	15.67	668	368.33
193	15.75	683.75	380.08
194	15.58	699.33	391.67
195	15.42	714.75	403.08
196	16	730.75	415.08
197	15.75	746.5	426.83
198	15.17	761.67	438
199	15.08	776.75	449.08
200	15.5	792.25	460.58
201	15.67	807.92	472.25
202	13.5	821.42	481.75
203	14.33	835.75	492.08
204	15.58	851.33	503.67
205	15.5	866.83	515.17
206	15.67	882.5	526.83
207	16.5	899	539.33
208	16.5	915.5	551.83
209	16.5	945.75	574.74

NORTH LAKE P.E.I.

STATION	DEPTH	LATITUDE	LONGITUDE	START
488	10	46.5	62.08	APR 23, 1981 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (+)
113	1.5	.75	0
114	1.5	2.25	0
115	1.17	3.42	0
116	1.5	4.92	0
117	1.5	6.42	0
118	1.5	7.92	0
119	1.5	9.42	0
120	1.5	10.92	0
121	1.5	12.42	0
122	1.5	13.92	0
123	1.5	15.42	0
124	1.5	16.92	0
125	1.5	18.42	0
126	1.57	20.08	0
127	1.5	21.58	0
128	1.75	23.33	0
129	2.5	25.83	0
130	2.5	28.33	0
131	2.75	31.08	0
132	3.25	34.33	0
133	3.75	38.08	0
134	3.67	41.75	0
135	3	44.75	0
136	3.5	48.25	0
137	3.75	52	0
138	3.67	55.67	0
139	3.75	59.42	0
140	3.58	63	0
141	3.5	66.5	0
142	3.92	70.42	0
143	4	74.42	0
144	4	78.42	0
145	4	82.42	0
146	4	86.42	0
147	4.08	90.5	.08
148	4.5	95	.58
149	4.5	99.5	1.08
150	5	104.5	2.08
151	5.5	110	3.58
152	5.08	115.08	5.67
153	6.83	122.92	8.5
154	7	129.92	11.5
155	6.83	136.75	14.33
156	7.5	144.25	17.83
157	8	152.25	21.83
158	8	160.25	25.83
159	8.42	168.67	30.25
160	8.58	177.25	34.83
161	9	186.25	39.83
162	8.75	195	44.58

NORTH LAKE P.E.I. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
153	8.67	203.67	49.25
154	8.5	212.17	53.75
155	8.75	220.92	56.5
156	8.67	229.58	58.17
157	9	238.58	58.17
158	9	247.58	73.17
159	9.25	256.83	78.42
160	9.67	266.5	84.08
161	9.75	276.25	89.83
162	10.42	286.67	96.25
163	10.33	297	102.58
164	10.83	307.83	109.42
165	9.83	317.67	115.25
166	10.83	328.5	122.08
167	11	339.5	129.08
168	9.58	349.08	134.67
169	10.25	359.33	140.42
170	10.92	370.25	147.83
171	11.42	381.67	155.25
172	10.75	392.42	162
173	10	402.42	168
174	10.42	412.83	174.42
175	10.75	423.58	181.17
176	12.83	436.42	190
177	14.42	450.83	200.42
178	13.33	464.17	209.75
179	14.08	478.25	219.83
180	14.75	493	230.58
181	15	508	241.33
182	15	523	252.08
183	15	538	263.58
184	14.5	552.5	274.08
185	13.67	566.17	283.75
186	13.17	579.33	292.92
187	12.58	591.92	301.5
188	14.83	606.75	312.33
189	14.75	621.5	323.08
190	13.92	635.42	333
191	13.17	648.58	342.17
192	13.42	662	351.58
193	13.17	675.17	360.75
194	9	684.17	365.75
195	11.42	695.58	373.17
196	11.75	707.33	380.92
197	12.17	719.5	389.08
198	13.17	732.67	398.25
199	15.33	748	409.58
200	15.5	763.5	421.08
201	15.67	779.25	432.67

NORTH LAKE P.E.I.

STATION	DEPTH	LATITUDE	LONGITUDE	START
48C	20	46.5	62.08	APR 23, 1981 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
113	2	1	0
114	1.33	2.83	0
115	1.67	4.5	0
116	1.67	6.17	0
117	1.58	7.75	0
118	1.58	9.33	0
119	1.58	10.92	0
120	2	12.92	0
121	2.33	15.25	0
122	2.5	17.75	0
123	2.5	20.25	0
124	2.33	22.58	0
125	2.08	24.67	0
126	2.08	26.75	0
127	3.08	29.83	0
128	3.5	33.33	0
129	3.67	37	0
130	4.17	41.17	.17
131	4.17	45.33	.33
132	3.67	49	.33
133	2.75	51.75	.33
134	3.58	55.33	.33
135	3.83	59.17	.33
136	3.25	62.42	.33
137	3.75	66.17	.33
138	4.5	70.67	.33
139	4.5	75.17	1.33
140	4.75	79.92	2.08
141	5	84.92	3.08
142	5.08	90	4.17
143	5	95	5.17
144	4.67	99.67	5.83
145	4.92	104.58	6.75
146	5.5	110.08	8.25
147	5.5	115.58	9.75
148	6	121.58	11.75
149	6.17	127.75	13.92
150	6.5	134.25	16.42
151	7.5	141.75	19.92
152	7.75	149.5	23.67
153	7.17	156.67	26.83
154	8.25	164.92	31.08
155	8.58	173.5	35.67
156	7.92	181.42	39.58
157	7.67	189.08	43.25
158	9.25	198.33	48.5
159	9.58	207.92	54.08
160	9.17	217.08	59.25
161	9.67	226.75	64.92
162	9.58	236.33	70.5

NORTH LAKE P.E.I. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
163	9.5	248.83	75
164	8.67	254.5	80.67
165	9.17	263.67	85.83
166	9.67	273.33	91.5
167	9.67	283	97.17
168	9.75	292.75	102.92
169	8.92	301.67	107.83
170	9.17	310.83	113
171	8.33	319.67	117.83
172	10.67	330.33	124.5
173	9.5	339.83	130
174	11.67	351.5	137.67
175	8.08	359.58	141.75
176	6.75	366.33	144.5
177	8.67	375	149.17
178	7.75	382.75	152.92
179	7.58	390.33	156.5
180	8.33	398.67	160.83
181	8.5	407.17	165.33
182	7.42	414.58	168.75
183	9.67	424.25	174.42
184	11.75	436	182.17
185	11	447	189.17
186	11.58	458.58	195.75
187	11.33	469.92	204.83
188	13	482.92	213.08
189	11.08	494	220.17
190	11.25	505.25	227.42
191	12.92	518.17	236.33
192	15.33	533.5	247.67
193	13.25	546.75	255.92
194	11.83	558.58	264.75
195	10.58	569.17	271.33
196	8.75	577.92	278.08
197	12.42	590.33	284.5
198	15.08	605.42	295.58
199	14.08	619.5	305.67
200	11	630.5	312.67
201	10.5	641	319.17
202	8.83	649.83	324
203	6.08	655.92	328.08
204	7.75	663.67	329.83
205	7.75	671.42	333.58
206	7.5	678.92	337.08
207	7.67	686.58	340.75
208	8.75	695.33	345.5
209	8.5	703.83	350
210	13.2	728.03	365.55

NORTH LAKE P.E.I.

STATION	DEPTH	LATITUDE	LONGITUDE	START
48F	15	46.5	52.08	JUNE 17, 1961 1830 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
168	11	3.67	2.33
169	10.92	14.58	9.25
170	10.67	25.25	15.92
171	10.75	36	22.67
172	10	46	29.07
173	11.67	57.67	36.33
174	9.67	67.33	42
175	10.92	78.25	48.92
176	11	89.25	55.92
177	7.67	96.92	59.58
178	10.17	107.08	65.75
179	11.17	118.25	72.92
180	11.58	129.83	80.5
181	9.58	139.42	86.08
182	9.83	149.25	91.92
183	9.33	159.08	97.75
184	9.75	168.83	103.5
185	12.33	181.17	111.83
186	14.75	195.92	122.58
187	12.58	208.5	131.17
188	13.83	222.33	141
189	13.92	236.25	150.92
190	15.83	252.08	162.75
191	15.25	267.33	174
192	15.83	283.17	185.83
193	14.58	297.75	195.42
194	13.58	311.33	204
195	11.25	322.58	213.25
196	12.5	335.08	221.75
197	16	351.08	233.75
198	15.67	366.75	245.42
199	14	380.75	255.42
200	13.42	394.17	264.83
201	13.33	407.5	274.17
202	10	417.5	280.17
203	8.33	425.83	284.5
204	10.5	436.33	291
205	10.33	446.67	297.33
206	11.75	458.42	305.08
207	10.92	469.33	312
208	11.67	481	319.67
209	15.58	496.58	331.25
210	16	515.25	345.24

HAVRE-AUX-MAISONS M.I. P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
55C	7	47.4	61.84	JUNE 8, 1981 1900 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
159	10.5	3.5	2.17
160	9.08	12.58	7.25
161	9.25	21.83	12.5
162	9.08	30.92	17.16
163	9.42	40.33	23
164	10.42	50.75	29.42
165	10.92	61.67	36.33
166	11.17	72.83	43.5
167	11	83.83	50.5
168	11.42	95.25	57.92
169	11.75	107	65.67
170	11.5	118.5	73.17
171	12.67	131.17	81.83
172	12	143.17	89.83
173	12.17	155.33	98
174	12.83	168.17	106.83
175	13.42	181.58	116.25
176	13.17	194.75	125.42
177	13.25	208	134.67
178	13.08	221.08	143.75
179	12.75	233.83	152.5
180	13.17	247	161.67
181	13.83	260.83	171.5
182	14.42	275.25	181.92
183	13.42	288.67	191.33
184	14.75	303.42	202.08
185	14	317.42	212.08
186	14.5	331.92	222.58
187	15.25	347.17	233.63
188	15	362.17	244.83
189	14.75	376.92	255.58
190	14.17	391.08	265.75
191	15.08	406.17	276.83
192	15.42	421.58	288.25
193	15.58	437.17	299.83
194	15	452.17	310.83
195	15.92	468.08	322.75
196	15.42	483.5	334.17
197	15.25	498.75	345.42
198	15.33	514.08	356.75
199	16.42	530.5	369.17
200	16.5	547	381.67
201	17.33	564.33	395
202	17.58	581.92	408.58
203	17.17	599.08	421.75
204	16.92	616	434.67
205	17.17	633.17	447.83
206	17.33	650.5	461.17
207	17.67	668.17	474.83
208	16.75	684.92	487.58

HAVRE-AUX-MAISONS M.I. P.Q. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
209	16.08	701	499.67
210	15.67	716.67	511.33
211	15.67	732.33	523
212	15.25	747.58	534.25
213	15.83	763.42	546.08
214	15.67	780.08	558.75
215	16.75	796.83	571.5
216	17.33	814.17	584.83
217	17.08	831.25	597.92
218	17.08	848.33	611
219	16.58	864.92	623.58
220	16.25	881.17	635.83
221	16.67	897.83	648.5
222	17.42	915.25	661.92
223	17.83	933.08	675.75
224	17.75	950.83	689.5
225	17.75	968.58	703.25
226	16	984.58	715.25
227	15.5	1000.08	726.75
228	16.42	1016.5	739.17
229	16.75	1033.25	751.92
230	16.75	1050	764.67
231	15.33	1065.33	776
232	15.83	1081.17	787.83
233	16.17	1097.33	800
234	16.58	1113.92	812.58
235	16.67	1130.58	825.25
236	15.83	1146.42	837.08
237	14.5	1160.92	847.58
238	15.42	1176.33	859
239	15.17	1191.5	870.17
240	15.17	1206.67	881.33
241	15.33	1222	892.67
242	16	1238	904.67
243	16.25	1254.25	916.92
244	16.33	1270.58	929.25
245	16.87	1298.7	950.7

SHAG ISLAND M.I. P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
56A	18	47.47	61.05	NOV 18, 1980 1:10 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
323	3.17	1.58	0
324	2.67	4.25	0
325	2	6.25	0
326	2	8.25	0
327	2	10.25	0
328	2	12.25	0
329	2	14.25	0
330	2	16.25	0
331	2	18.25	0

SHAG ISLAND N.I. P.Q. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
332	2	20.25	0
333	1.83	22.08	0
334	1.5	23.58	0
335	1.5	25.08	0
336	1.5	26.58	0
337	1.5	28.08	0
338	1.5	29.58	0
339	1.5	31.08	0
340	1.5	32.58	0
341	1.5	34.08	0
342	1.5	35.58	0
343	1.5	37.08	0
344	1.5	38.58	0
345	1.5	40.08	0
346	1.33	41.42	0
347	.92	42.33	0
348	1	43.33	0
349	1	44.33	0
350	.67	45	0
351	0	45.08	0
352	-.5	45.08	0
353	-.5	45.08	0
354	-1	45.08	0
355	-1.5	45.08	0
356	-1.17	45.08	0
357	-1.75	45.08	0
358	-1.58	45.08	0
359	-2.67	45.08	0
360	-2.58	45.08	0
361	-3	45.08	0
362	-3	45.08	0
363	-3	45.08	0
364	-3	45.08	0
365	-3	45.08	0
366	-3	45.08	0
1	-3	45.08	0
2	-3	45.08	0
3	-3	45.08	0
4	-3	45.08	0
5	-3	45.08	0
6	-3	45.08	0
7	-3	45.08	0
8	-3	45.08	0
9	-3	45.08	0
10	-3	45.08	0
11	-3	45.08	0
12	-3	45.08	0
13	-3	45.08	0
14	-3	45.08	0
15	-3	45.08	0
16	-3	45.08	0
17	-3	45.08	0
18	-3		

SHAG ISLAND M.I. P.G. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
19	-3	45.08	0
20	-3	45.08	0
21	-3	45.08	0
22	-3	45.08	0
23	-3	45.08	0
24	-3	45.08	0
25	-3	45.08	0
26	-3	45.08	0
27	-3	45.08	0
28	-3	45.08	0
29	-3	45.08	0
30	-3	45.08	0
31	-3	45.08	0
32	-3	45.08	0
33	-3	45.08	0
34	-3	45.08	0
35	-3	45.08	0
36	-3	45.08	0
37	-3	45.08	0
38	-3	45.08	0
39	-3	45.08	0
40	-3	45.08	0
41	-3	45.08	0
42	-3	45.08	0
43	-3	45.08	0
44	-3	45.08	0
45	-3	45.08	0
46	-3	45.08	0
47	-3	45.08	0
48	-3	45.08	0
49	-3	45.08	0
50	-3	45.08	0
51	-3	45.08	0
52	-3	45.08	0
53	-3	45.08	0
54	-3	45.08	0
55	-3	45.08	0
56	-3	45.08	0
57	-3	45.08	0
58	-3	45.08	0
59	-3	45.08	0
60	-3	45.08	0
61	-3	45.08	0
62	-3	45.08	0
63	-3	45.08	0
64	-3	45.08	0
65	-3	45.08	0
66	-3	45.08	0
67	-3	45.08	0
68	-3	45.08	0
69	-3	45.08	0
70	-3	45.08	0
71	-3	45.08	0

SHAG ISLAND N.I. P.Q. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
72	-3	45.08	0
73	-2.67	45.08	0
74	-2	45.08	0
75	-2	45.08	0
76	-2	45.08	0
77	-2	45.08	0
78	-2	45.08	0
79	-2	45.08	0
80	-2	45.08	0
81	-2	45.08	0
82	-2	45.08	0
83	-2	45.08	0
84	-2	45.08	0
85	-2	45.08	0
86	-1.75	45.08	0
87	-1.5	45.08	0
88	-1.5	45.08	0
89	-1.5	45.08	0
90	-1.5	45.08	0
91	-1.5	45.08	0
92	-1.5	45.08	0
93	-1.5	45.08	0
94	-1	45.08	0
95	-1	45.08	0
96	-1	45.08	0
97	-1	45.08	0
98	-1	45.08	0
99	-1	45.08	0
100	-1	45.08	0
101	-.5	45.08	0
102	-.5	45.08	0
103	-.5	45.08	0
104	-.5	45.08	0
105	-.5	45.08	0
106	-.5	45.08	0
107	-.5	45.08	0
108	-.5	45.08	0
109	-.5	45.08	0

SHAG ISLAND N.I. P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
568	0	47.46	61.57	NOV 18, 1980 9:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
323	2.75	1.83	0
324	2.5	4.33	0
325	2.5	6.83	0
326	2.5	9.33	0
327	2.5	11.83	0
328	2.5	14.33	0
329	2.5	16.83	0
330	2.17	19	0

SHAG ISLAND N.I. P.G. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
331	2	21	0
332	2	23	0
333	2	25	0
334	2	27	0
335	2	29	0
336	2.17	31.17	0
337	2.5	33.67	0
338	2.5	36.17	0
339	2.5	38.67	0
340	2.33	41	0
341	2	43	0
342	2	45	0
343	2	47	0
344	2	49	0
345	1.92	50.92	0
346	1.5	52.42	0
347	1.5	53.92	0
348	1.17	55.08	0
349	1	56.08	0
350	.5	56.58	0
351	.25	56.92	0
352	-.92	56.92	0
353	-1	56.92	0
354	-1	56.92	0
355	-1	56.92	0
356	-1	56.92	0
357	-1	56.92	0
358	-1	56.92	0
359	-1.5	56.92	0
360	-1.5	56.92	0
361	-1.5	56.92	0
362	-1.5	56.92	0
363	-1.92	56.92	0
364	-2	56.92	0
365	-2	56.92	0
366	-2	56.92	0
1	-2	56.92	0
2	-2	56.92	0
3	-2	56.92	0
4	-2	56.92	0
5	-2	56.92	0
6	-2	56.92	0
7	-2	56.92	0
8	-2	56.92	0
9	-2	56.92	0
10	-2	56.92	0
11	-2.33	56.92	0
12	-2.5	56.92	0
13	-2.5	56.92	0
14	-2.5	56.92	0
15	-2.5	56.92	0
16	-2.5	56.92	0
17	-2.5	56.92	0

SHAG ISLAND M.I. P.Q. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
18	-2.5	56.92	0
19	-2.5	56.92	0
20	-2.5	56.92	0
21	-2.5	56.92	0
22	-2.5	56.92	0
23	-2.5	56.92	0
24	-2.5	56.92	0
25	-2.5	56.92	0
26	-2.5	56.92	0
27	-2.5	56.92	0
28	-2.5	56.92	0
29	-2.5	56.92	0
30	-2.5	56.92	0
31	-2.5	56.92	0
32	-2.5	56.92	0
33	-2.5	56.92	0
34	-2.5	56.92	0
35	-2.5	56.92	0
36	-2.5	56.92	0
37	-2.5	56.92	0
38	-2.5	56.92	0
39	-2.5	56.92	0

SHAG ISLAND M.I. P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
56C	12	47.46	61.57	JULY 30, 1981 2230 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
211	15.5	2.58	1.92
212	14.83	17.42	12.75
213	15	32.42	23.75
214	15.25	47.67	35
215	15.08	62.75	45.08
216	15	77.75	57.08
217	15.75	93.5	68.83
218	17	110.5	81.83
219	16.67	127.17	94.5
220	16.5	143.67	107
221	16.5	160.17	119.5
222	16.5	176.67	132
223	16.25	192.92	144.25
224	15.33	208.25	155.58
225	12.92	221.17	164.5
226	12.92	234.08	173.42
227	12.75	246.83	182.17
228	13.67	260.5	191.83
229	13.92	274.42	201.75
230	15	289.42	212.75
231	15	304.42	223.75
232	14.67	319.08	234.42
233	14.92	334	245.33
234	15	349	256.33

SHAG ISLAND N.I. P.Q. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
235	15	3c4	267.33
236	14.83	378.33	273.17
237	14.5	393.33	288.67
238	14.5	407.83	299.17
239	14.5	422.33	309.67
240	14	436.33	319.67
241	14	450.33	329.67
242	13.92	464.25	339.58
243	13.33	477.58	349.92
244	13	490.58	357.92
245	13.25	503.83	367.17
246	14.17	518	377.33
247	15.17	533.17	388.0
248	15.5	548.67	400
249	16	564.67	412
250	15	580.67	424
251	16	596.67	436
252	15.83	612.5	447.83
253	15.58	628.08	459.42
254	16	644.08	471.42
255	15.5	659.58	482.92
256	14.75	674.33	493.67
257	13.58	687.92	503.25
258	12	699.92	511.25
259	12	711.92	519.25
260	12.5	724.42	527.75
261	14.08	738.5	537.83
262	14.08	752.58	547.92
263	13.67	766.25	557.58
264	14	780.25	567.58
265	12.5	792.75	576.08
266	6.67	799.42	578.75
267	10.58	810	585.33
268	11.5	821.5	592.83
269	12.33	833.83	601.17
270	13	846.83	610.17
271	12.58	859.42	618.75
272	12.08	871.5	626.83
273	12	883.5	634.83
274	12	895.5	642.83
275	11.58	907.08	650.42
276	11.5	918.58	657.92
277	11.5	930.08	665.42
278	11.5	941.58	672.92
279	11.5	953.08	680.42
280	11.17	964.25	687.58
281	11	975.25	694.58
282	11	986.25	701.58
283	11	997.25	708.58
284	10.75	1008	715.33
285	10	1018	721.33
286	9.58	1027.58	729.92
287	9.5	1037.08	732.42

SHAG ISLAND N.I. P.Q. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
288	9.5	1046.5[illegible]	737.92
289	9.5	1055.[illegible]	743.42
290	9.5	1065.5[illegible]	748.92
291	9.5	1075.[illegible]	754.42
292	9.5	1084.5[illegible]	759.92
293	9.5	1094.[illegible]	765.42
294	9.5	1103.5[illegible]	770.92
295	9.25	1112.84	776.17
296	9	1121.84	781.17
297	9	1130.84	786.17
298	9	1139.84	791.17
299	9	1148.84	796.17
300	8.5	1157.34	800.67
301	8.5	1165.84	805.17
302	8.5	1174.34	809.67
303	8.5	1182.83	814.17
304	8.33	1191.17	818.5[illegible]
305	7.42	1198.58	822.92
306	7	1205.58	826.92
307	7	1218.41	830.41

SHAG ISLAND N.I. P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
560	20	47.46	61.67	SEPT 9, 1981 7:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
252	14.6	12.17	6.83
253	14.67	26.83	19.5
254	15	41.83	30.5
255	13.08	54.92	39.5[illegible]
256	11.5	66.42	47.08
257	11.75	78.17	54.83
258	12	90.17	62.83
259	12	102.17	70.83
260	12	114.17	78.83
261	12.25	126.42	87.08
262	12.5	138.92	95.58
263	13.17	152.08	104.75
264	12.58	164.67	113.33
265	6.08	170.75	115.42
266	6.08	176.83	117.5
267	9.17	186	122.67
268	11.67	197.67	130.33
269	12	209.67	138.33
270	12	221.67	146.33
271	12	233.67	154.33
272	12	245.67	162.33
273	12	257.67	170.33
274	11.67	269.33	178
275	11	280.33	185
276	10.75	291.08	191.75
277	11	302.08	198.75

SHAG ISLAND M.I. P.C. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
278	11	313.08	205.75
279	11	324.08	212.75
280	11	335.08	219.75
281	11	346.08	226.75
282	11	357.08	233.75
283	10.92	368	240.67
284	10.25	378.25	246.92
285	10	388.25	252.92
286	10	398.25	258.92
287	10	408.25	264.92
288	10	418.25	270.92
289	10	428.25	276.92
290	10	438.25	282.92
291	9.75	449	288.67
292	9.5	457.5	294.17
293	9.5	467	299.67
294	9.42	476.42	305.08
295	9	485.42	310.08
296	9	494.42	315.08
297	9	503.42	320.08
298	9	512.42	325.08
299	8.42	520.83	329.5
300	8	528.83	333.5
301	8	536.83	337.5
302	8	544.83	341.5
303	8	552.83	345.5
304	8	560.83	349.5
305	7.5	568.33	353
306	7.5	575.83	356.5
307	7.5	583.33	360
308	7	590.33	363
309	6.75	597.08	365.75
310	6.5	604.66	368.66

CHALEUR BAY P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M1	99	48.22	64.53	JUNE 1, 1981 19:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
152	C	C	C
153	C	C	C

WESTERN BRADELLE VALLEY P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M2	80	47.73	63.42	JUNE 2, 1981 22:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
153	-1	C	C
154	-1	C	C

WESTERN BRADELLE VALLEY P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M3	82	46.77	63.35	JUNE 3, 1981 19:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
154	-1	C	C
155	-1	C	C

WESTERN BRADELLE VALLEY P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M4	82	47.72	63.28	JUNE 4, 1981 22:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
155	-1	C	C
156	-1	C	C

ORPHAN BANK P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M5	102	48.12	63.03	JUNE 5, 1981 19:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
156	0	C	C
157	0	C	C
158	0	C	C

NEAR BRADELLE BANK P.Q.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M6	74	48.83	63.35	OCT 6, 1981 19:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
279	0	C	C
280	0	C	C

NEAR BRADELLE BANK P.G.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M7	76	47.77	63.4	OCT 7, 1981 17:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
280	0	0	0
281	0	0	0
282	0	0	0
283	0	0	0
284	0	0	0
285	0	0	0
286	0	0	0

ORPHAN BANK P.G.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M8	94	48.1	63.5	OCT 13, 1981 17:40 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
286	1	.33	0
287	1	2	0

NEAR ORPHAN BANK P.G.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M9	95	48.18	63.55	OCT 14, 1981 18:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
287	1	.33	0
288	1	2.16	0

CHALEUR BAY P.G.

STATION	DEPTH	LATITUDE	LONGITUDE	START
M1C	94	48.2	64.55	OCT 16, 1981 20:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
289	0	0	0
290	0	0	0

APPENDIX 6

AREA 3 NEWFOUNDLAND & LABRADOR

MEAN DAILY TEMPERATURES, DEGREE DAYS

LITTLE BAY MORTIER NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
57A	6.1	47.16	55.11	OCT 21, 1980 19:43 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
295	10	3.33	2
296	9.75	13.08	7.75
297	9.33	22.42	13.08
298	9	31.42	18.08
299	9	40.42	23.08
300	9	49.42	28.08
301	9	58.42	33.08
302	9	67.42	38.08
303	8.67	76.08	42.75
304	7.92	84	46.67
305	7.75	91.75	50.42
306	7.5	99.25	53.92
307	7.5	106.75	57.42

LITTLE BAY MORTIER NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
308	7.25	114	60.67
309	7	121	63.67
310	7	128	66.67
311	7	135	69.67
312	7	142	72.67
313	7	149	75.67
314	7	156	78.67
315	7	163	81.67
316	7	170	84.67
317	7	177	87.67
318	7	184	90.67
319	7	191	93.67
320	7	198	96.67
321	7	205	99.67
322	6.92	211.92	102.58
323	6.5	218.42	105.08
324	6.17	224.58	107.25
325	6	230.58	109.25
326	6	236.58	111.25
327	6	242.58	113.25
328	5.58	248.17	114.83
329	5.5	253.67	116.33
330	5.92	259.58	118.25
331	6	265.58	120.25
332	6	271.58	122.25
333	5.5	277.08	123.75
334	5.5	282.58	125.25
335	5.5	288.08	126.75
336	5.5	293.58	128.25
337	5.5	299.08	129.75
338	5.5	304.58	131.25
339	5.08	309.67	132.33
340	5	314.67	133.33
341	5	319.67	134.33
342	5	324.67	135.33
343	5	329.67	136.33
344	5	334.67	137.33
345	5	339.67	138.33
346	5	344.67	139.33
347	4.5	349.17	139.83
348	4.17	353.33	140
349	4	357.33	140
350	4	361.33	140
351	3.83	365.17	140
352	3.75	368.92	140
353	3.67	372.58	140
354	3.75	376.33	140
355	3.58	379.92	140
356	3.33	383.25	140
357	3	386.25	140
358	2.92	389.17	140
359	2.92	392.08	140
360	2.5	394.58	140

LITTLE BAY MORTIER NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (D)	DEG. DAY (A)
361	2.5	397.08	140
362	2.5	399.58	140
363	2.5	402.08	140
364	2.5	404.58	140
365	2.58	407.17	140
365	2.5	409.67	140
1	2.5	412.17	140
2	2.33	414.5	140
3	2.33	416.83	140
4	2	418.83	140
5	2.33	421.17	140
6	2.5	423.67	140
7	2.5	426.17	140
8	2.5	428.67	140
9	2.5	431.17	140
10	2.42	433.58	140
11	2	435.58	140
12	2	437.58	140
13	2	439.58	140
14	2	441.58	140
15	2	443.58	140
16	1.92	445.5	140
17	2	447.5	140
18	1.67	449.17	140
19	1.75	450.92	140
20	1.5	452.42	140
21	2	454.42	140
22	2	456.42	140
23	1.83	458.25	140
24	1.83	460.08	140
25	1.83	461.92	140
26	1.5	463.42	140
27	1.5	464.92	140
28	1.5	466.42	140
29	1.5	467.92	140
30	1.5	469.42	140
31	1.33	470.75	140
32	1	471.75	140
33	1	472.75	140
34	1	473.75	140
35	1	474.75	140
36	1	475.75	140
37	1	476.75	140
38	1	477.75	140
39	.65	478.74	140

LITTLE BAY MORTIER NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
578	6	47.16	55.11	APR 18, 1961 17:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
108	2	.67	0
109	1.58	2.25	0
110	1.75	4	0
111	1.75	5.75	0
112	1.5	7.25	0
113	1.92	9.17	0
114	2	11.17	0
115	2	13.17	0
116	2.67	15.83	0
117	2.25	18.08	0
118	2.08	20.17	0
119	2.33	22.5	0
120	2.08	24.58	0
121	2.75	27.33	0
122	3.08	30.42	0
123	3	33.42	0
124	3	36.42	0
125	3.58	40	0
126	2.83	42.83	0
127	2.42	45.25	0
128	2.67	47.92	0
129	3	50.92	0
130	3.17	54.08	0
131	3.42	57.5	.08
132	4.25	61.75	.42
133	4.17	65.92	.58
134	4.75	70.67	1.33
135	5.92	76.58	3.25
136	5.17	81.75	4.42
137	5.25	87	5.67
138	3.33	90.33	5.83
139	2.92	93.25	5.83
140	3.08	96.33	5.83
141	4	100.33	5.83
142	4	104.33	5.83
143	4.5	108.83	5.83
144	4.5	113.33	5.83
145	5	118.33	7.83
146	5.42	123.75	9.25
147	5.17	128.92	10.42
148	5.83	134.75	12.25
149	6.08	140.83	14.33
150	5.33	146.17	15.67
151	5.08	151.25	16.75
152	4.33	155.58	17.08
153	4.33	159.92	17.42
154	4.67	164.58	18.08
155	5.33	169.92	19.42
156	5.08	175	21.5
157	4.92	180.92	22.42

LITTLE BAY MURTIER NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
158	3.25	184.17	22.42
159	4.83	189	23.25
160	5	194	24.25
161	5.17	199.17	25.42
162	6	205.17	27.42
163	6.42	211.58	29.83
164	6.67	218.25	32.5
165	5.33	223.58	33.83
166	6.67	230.25	36.5
167	6.5	236.75	39
168	6.33	243.08	41.33
169	5.83	248.92	43.17
170	6	254.92	45.17
171	5.08	260	46.25
172	6.33	266.33	48.58
173	5.25	271.58	49.83
174	6.58	278.17	52.42
175	7.42	285.58	55.83
176	7.5	293.08	59.33
177	7.75	300.83	63.08
178	8.17	309	67.25
179	8.83	317.83	72.08
180	8.67	326.5	76.75
181	9	335.5	81.75
182	8.25	343.75	86
183	6.58	350.33	89.58
184	7.92	358.25	92.5
185	8.5	366.75	97
186	8.83	375.58	101.83
187	8.67	384.25	106.5
188	9.5	393.75	112
189	9.17	402.92	117.17
190	9.83	412.75	123
191	9.67	422.42	128.67
192	9.92	432.33	134.58
193	10.5	442.83	141.08
194	10.42	453.25	147.5
195	9.75	463	153.25
196	9.58	472.58	158.83
197	10	482.58	164.83
198	10.67	493.25	171.5
199	10.83	504.08	178.33
200	11.17	515.25	185.5
201	11	526.25	192.5
202	9.67	535.92	198.17
203	9.5	545.42	203.67
204	9.42	554.83	209.08
205	9.83	564.67	214.92
206	11.17	575.83	222.08
207	10.83	586.67	228.92
208	8.92	595.58	233.83
209	9.17	604.75	239
210	9.17	613.92	244.17

LITTLE BAY MORTIER NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
211	10.08	624	250.25
212	10.5	634.5	256.75
213	10.58	645.08	263.33
214	11	656.08	270.33
215	11.67	667.75	278
216	13	680.75	287
217	13	693.75	296
218	13	706.75	305
219	13	719.75	314
220	13	732.75	323
221	12.83	745.58	331.83
222	12.33	757.92	340.17
223	11.58	769.5	347.75
224	9.33	778.83	353.08
225	7.25	786.08	356.33
226	9.33	795.42	361.67
227	10.58	806	368.25
228	11.08	817.08	375.33
229	11.58	828.67	382.92
230	11.58	840.25	390.5
231	12	852.25	398.5
232	12.17	864.42	406.67
233	12.42	876.83	415.08
234	13.5	890.33	424.58
235	13.08	903.42	433.67
236	12.75	916.17	442.42
237	12.92	929.08	451.33
238	13.58	942.67	460.92
239	10.92	953.58	467.83
240	11.67	965.25	475.5
241	11.83	977.08	483.33
242	12.42	989.5	491.75
243	12.83	1002.33	500.58
244	13.08	1015.42	509.67
245	13.58	1029	519.25
246	14.58	1043.58	529.83
247	14.83	1058.42	540.67
248	14.5	1072.92	551.17
249	14.5	1087.42	561.67
250	14.17	1101.58	571.83
251	14	1115.58	581.83
252	14	1129.58	591.83
253	14	1143.58	601.83
254	14	1157.58	611.83
255	13.67	1171.25	621.5
256	13.5	1184.75	631
257	13.5	1198.25	640.5
258	13.5	1211.75	650
259	13.5	1225.25	659.5
260	13.5	1238.75	669
261	13.5	1252.25	678.5
262	12.58	1264.83	687.08
263	11.5	1276.33	694.58

LITTLE BAY NORTH NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
264	11.92	1268.25	702.5
265	12	1280.25	710.5
266	12	1292.25	718.5
267	11.67	1303.92	726.17
268	11.5	1315.42	733.67
269	11.5	1326.92	741.17
270	11.5	1338.42	748.67
271	11.5	1349.92	756.17
272	11.5	1361.42	763.67
273	11.5	1372.92	771.17
274	11.5	1384.42	778.67
275	11.5	1395.92	786.17
276	11.5	1407.42	793.67
277	11.25	1418.67	801.17

SPENCER'S COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
58A	9	47.67	54.08	OCT 2, 1980 20:15 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
276	10	1.67	1
277	10	11.67	7
278	10	21.67	13
279	10	31.67	19
280	10	41.67	25
281	10	51.67	31
282	10	61.67	37
283	10	71.67	43
284	10	81.67	49
285	9.83	91.5	54.83
286	9.5	101	60.33
287	9.92	110.92	66.25
288	10	120.92	72.25
289	10	130.92	78.25
290	9.92	140.83	84.17
291	9.5	150.33	89.67
292	9.5	101.41	96.08

SPENCER'S COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
58B	9	47.67	54.08	OCT 11, 1980 16:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
285	11.5	3.83	2.5
286	11.42	15.25	9.92
287	11.08	26.33	17
288	11.5	37.83	24.5
289	11.33	49.17	31.83
290	11	60.17	38.83
291	11	71.17	45.83
292	11	82.17	52.83

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
293	11	93.17	59.83
294	11	104.17	66.83
295	11	115.17	73.83
296	11	126.17	80.83
297	11	137.17	87.83
298	11	148.17	94.83
299	10.92	159.06	101.75
300	10.5	169.56	108.25
301	10.25	179.83	114.5
302	10.08	189.92	120.58
303	10	199.92	126.58
304	10.5	210.42	133.08
305	10.33	220.75	139.42
306	10	230.75	145.42
307	10	240.75	151.42
308	9.75	250.5	157.17
309	9.5	260	162.67
310	9.5	269.5	168.17
311	9.25	278.75	173.42
312	9	287.75	178.42
313	8.67	296.42	183.08
314	8.5	304.92	187.58
315	8.5	313.42	192.08
316	8.5	321.92	196.58
317	8.5	330.42	201.08
318	8	338.42	205.08
319	8	346.42	209.08
320	8	354.42	213.08
321	8	362.42	217.08
322	8	370.42	221.08
323	8	378.42	225.08
324	8	386.42	229.08
325	8	394.42	233.08
326	8	402.42	237.08
327	8	417.08	244.41

SPENCER'S COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
58C	9	47.67	54.08	NOV 13, 1980 15:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
318	7.5	3.75	1.75
319	7.5	11.25	5.25
320	7.17	18.42	8.42
321	7	25.42	11.42
322	7	32.42	14.42
323	7	39.42	17.42
324	6.33	45.75	19.75
325	4.75	50.5	20.5
326	4.67	55.17	21.17
327	5.33	60.5	22.5
328	5.5	66	24

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
329	5.5	71.5	25.5
330	5.08	76.58	26.58
331	5	81.58	27.58
332	5	86.58	28.58
333	5	91.58	29.58
334	5	96.58	30.58
335	5	101.58	31.58
336	5	106.58	32.58
337	5	111.58	33.58
338	5	116.58	34.58
339	5	121.58	35.58
340	5	126.58	36.58
341	5	131.58	37.58
342	5	136.58	38.58
343	5	141.58	39.58
344	4.75	146.33	40.33
345	4.5	150.83	40.83
346	4.25	155.08	41.08
347	3.75	158.83	41.08
348	3.5	162.33	41.08
349	3.5	165.83	41.08
350	3.5	169.33	41.08
351	3.5	172.83	41.08
352	3.5	176.33	41.08
353	3.5	179.83	41.08
354	3.5	183.33	41.08
355	3.33	186.67	41.08
356	3	189.67	41.08
357	2.08	191.75	41.08
358	2.33	194.08	41.08
359	2.42	196.5	41.08
360	2	198.5	41.08
361	2	200.5	41.08
362	2	202.5	41.08
363	2	204.5	41.08
364	2	206.5	41.08
365	2	208.5	41.08
366	2.25	210.75	41.08
1	2.17	212.92	41.08
2	2.17	215.08	41.08
3	2.5	217.58	41.08
4	2	219.58	41.08
5	2	221.58	41.08
6	1.67	223.25	41.08
7	1.5	224.75	41.08
8	1.67	226.42	41.08
9	2	228.42	41.08
10	2	230.42	41.08
11	2	232.42	41.08
12	2	234.42	41.08
13	2	236.42	41.08
14	2	238.42	41.08
15	2	240.42	41.08

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
16	2	242.42	41.08
17	2	244.42	41.08
18	2	246.42	41.08
19	2	248.42	41.08
20	1.5	249.92	41.08
21	1.5	251.42	41.08
22	1.08	252.5	41.08
23	1.33	253.83	41.08
24	1.5	255.33	41.08
25	1	256.33	41.08
26	1	257.33	41.08
27	1	258.33	41.08
28	1	259.33	41.08
29	1	260.33	41.08
30	1	261.33	41.08
31	1	262.33	41.08
32	.67	263	41.08
33	.5	263.5	41.08
34	.67	264.17	41.08
35	1	265.17	41.08
36	1.17	266.33	41.08
37	1.08	267.42	41.08
38	.08	267.5	41.08
39	0	267.5	41.08
40	.05	267.55	41.08
41	.55	268.1	41.08
42	1	269.1	41.08
43	1	270.1	41.08
44	.33	270.59	41.08

SPENCER'S COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
580	9	47.67	54.08	NOV 13, 1980 19:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
318	7	2.33	1
319	7	9.33	4
320	7	16.33	7
321	7	23.33	10
322	6.75	30.08	12.75
323	6.5	36.58	15.25
324	6.33	42.92	17.58
325	4.75	47.67	18.33
326	4.5	52.17	18.83
327	4.92	57.08	19.75
328	5	62.08	20.75
329	5	67.08	21.75
330	5	72.08	22.75
331	5	77.08	23.75
332	5	82.08	24.75
333	5	87.08	25.75
334	5	92.08	26.75

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SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
335	4.5	96.58	27.25
336	4.5	101.08	27.75
337	4.5	105.58	28.25
338	4.5	110.08	28.75
339	4.5	114.58	29.25
340	4.5	119.08	29.75
341	4.5	123.58	30.25
342	4.92	128.5	31.17
343	4.67	133.17	31.83
344	4.5	137.67	32.33
345	4.17	141.83	32.5
346	4	145.83	32.5
347	3.67	149.5	32.5
348	3	152.5	32.5
349	3	155.5	32.5
350	3	158.5	32.5
351	3	161.5	32.5
352	3	164.5	32.5
353	3	167.5	32.5
354	3	170.5	32.5
355	3	173.5	32.5
356	2.67	176.17	32.5
357	2.08	178.25	32.5
358	1.67	179.92	32.5
359	1.5	181.42	32.5
360	1.5	182.92	32.5
361	1.67	184.58	32.5
362	1.5	186.08	32.5
363	1.67	187.75	32.5
364	1.5	189.25	32.5
365	1.5	190.75	32.5
366	1.92	192.67	32.5
1	2	194.67	32.5
2	2	196.67	32.5
3	2	198.67	32.5
4	2	200.67	32.5
5	1.5	202.17	32.5
6	1.5	203.67	32.5
7	1.5	205.17	32.5
8	1.5	206.67	32.5
9	1.5	208.17	32.5
10	1.75	209.92	32.5
11	2	211.92	32.5
12	2	213.92	32.5
13	2	215.92	32.5
14	2	217.92	32.5
15	2	219.92	32.5
16	2	221.92	32.5
17	2	223.92	32.5
18	2	225.92	32.5
19	1.58	227.5	32.5
20	1.5	229	32.5
21	1.08	230.08	32.5

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
22	1	231.08	32.5
23	1.08	232.17	32.5
24	1.33	233.5	32.5
25	1	234.5	32.5
26	1	235.5	32.5
27	1	236.5	32.5
28	1	237.5	32.5
29	1	238.5	32.5
30	1	239.5	32.5
31	1	240.5	32.5
32	.58	241.08	32.5
33	.5	241.58	32.5
34	.5	242.08	32.5
35	.5	242.58	32.5
36	.5	243.08	32.5
37	.5	243.58	32.5
38	.25	243.83	32.5
39	0	243.83	32.5
40	.25	244.08	32.5
41	.5	244.58	32.5
42	.5	245.08	32.5
43	.5	245.58	32.5
44	.5	246.08	32.5
45	.42	246.5	32.5
46	.25	246.75	32.5
47	-.25	246.75	32.5
48	-.17	246.75	32.5
49	0	246.75	32.5
50	0	246.75	32.5
51	.08	246.83	32.5
52	.5	247.33	32.5
53	.5	247.83	32.5
54	.5	248.33	32.5
55	.5	248.83	32.5
56	.5	249.33	32.5
57	.5	249.83	32.5
58	.5	250.33	32.5
59	.5	250.83	32.5
60	.5	251.33	32.5
61	.5	251.83	32.5
62	.5	252.33	32.5
63	.58	252.92	32.5
64	1	253.92	32.5
65	1	254.92	32.5
66	1	255.92	32.5
67	1	256.92	32.5
68	1	257.92	32.5
69	1	258.92	32.5
70	1	259.92	32.5
71	1	260.92	32.5
72	1	261.92	32.5
73	1	262.92	32.5
74	1	263.92	32.5

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
75	1	264.92	32.5
76	1	265.92	32.5
77	1	266.92	32.5
78	1	267.92	32.5
79	1	268.92	32.5
80	1	269.92	32.5
81	1	270.92	32.5
82	1	271.92	32.5
83	1	272.91	32.5
84	1	273.91	32.5
85	1	274.91	32.5
86	1	275.91	32.5
87	1	276.91	32.5
88	1	277.91	32.5
89	1	278.91	32.5
90	1	279.91	32.5
91	1	280.91	32.5
92	1	281.91	32.5
93	1	282.91	32.5
94	1.17	284.08	32.5
95	1.5	285.58	32.5
96	1.83	287.41	32.5
97	2	289.41	32.5
98	2	291.41	32.5
99	2	293.41	32.5
100	2	295.41	32.5
101	2	297.41	32.5
102	2	299.41	32.5
103	1.83	301.25	32.5
104	1.67	302.91	32.5
105	2	304.91	32.5
106	2	306.91	32.5
107	2	308.91	32.5
108	1.58	310.5	32.5
109	1.5	312	32.5
110	1.5	313.5	32.5
111	1.5	315	32.5
112	1.83	316.83	32.5
113	2	318.83	32.5
114	2	320.83	32.5
115	2	322.83	32.5
116	2	325.83	32.49

SPENCER'S COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
58E	9	47.67	54.08	APR 26, 1981 12:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
116	2.3	1.25	0
117	2.67	3.92	0
118	3	6.92	0
119	3	9.92	0

SPENCER'S COVE NFLD ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
120	3.17	13.08	0
121	2.92	16	0
122	2.75	18.75	0
123	3	21.75	0
124	2.67	24.42	0
125	2.5	26.92	0
126	2.92	29.83	0
127	3.08	32.92	0
128	3.25	36.17	0
129	3.58	39.75	.17
130	4	43.75	.17
131	4.33	48.08	.5
132	5	53.08	1.5
133	4.58	57.67	2.08
134	3.67	61.33	2.08
135	5.08	66.42	3.17
136	5	71.42	4.17
137	5	76.42	5.17
138	5.58	82	6.75
139	6.17	88.17	8.92
140	6.42	94.58	11.33
141	6.17	100.75	13.5
142	6.17	106.92	15.67
143	5.58	112.5	17.25
144	3	115.5	17.25
145	4.33	119.83	17.58
146	5	124.83	18.58
147	5.83	130.67	20.42
148	5.83	136.5	22.25
149	7	143.5	25.25
150	7.17	150.67	28.42
151	7.5	158.17	31.92
152	7.25	165.42	35.17
153	7.17	172.58	38.33
154	7.5	180.08	41.83
155	7.75	187.83	45.58
156	7.5	195.33	49.08
157	7.58	202.92	52.67
158	7.58	210.5	56.25
159	7.5	218	59.75
160	7.5	225.5	63.25
161	7.08	232.58	66.33
162	4	236.58	66.5
163	4.42	241	66.92
164	5.17	246.17	68.08
165	6.42	252.58	70.5
166	8	260.58	74.5
167	7.42	268	77.92
168	6.08	274.08	80
169	7.75	281.83	83.75
170	7.92	289.75	87.67
171	8.67	298.42	92.33
172	9	307.42	97.33

SPENCER'S COVE NFLD ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
173	9	316.42	102.33
174	8.75	325.17	107.08
175	9	334.17	112.08
176	9	343.17	117.08
177	9	352.17	122.08
178	9	361.17	127.08
179	9	370.17	132.08
180	8.42	378.58	136.5
181	8.58	387.17	141.08
182	9.92	397.08	147
183	9.25	406.33	152.25
184	10.08	416.42	158.33
185	10.67	427.08	165
186	10.67	437.75	171.67
187	9.92	447.67	177.58
188	11.25	458.92	184.83
189	12.08	471	192.92
190	10.67	481.67	199.58
191	10	491.67	205.58
192	10.25	501.92	211.83
193	10.5	512.42	218.33
194	10.42	522.83	224.75
195	11	533.83	231.75
196	11	544.83	238.75
197	11.17	556	245.92
198	11.75	567.75	253.67
199	12.17	579.92	261.83
200	12.83	592.75	270.67
201	13	605.75	279.67
202	12.08	617.83	287.75
203	13.42	631.25	297.17
204	13.5	644.75	306.67
205	13.17	657.92	315.83
206	13.42	671.33	325.25
207	14.42	685.75	335.67
208	15	700.75	346.67
209	14.5	715.25	357.17
210	14.5	729.75	367.67
211	14.5	744.25	378.17
212	14.33	758.58	388.5
213	14.17	772.75	398.67
214	14.67	787.42	409.33
215	14.67	802.08	420
216	14.33	816.42	430.33
217	14	830.42	440.33
218	13.33	843.75	449.67
219	10.92	854.67	456.58
220	12.17	866.83	464.75
221	12.5	879.33	473.25
222	13.58	892.92	482.83
223	15.08	908	493.92
224	15.5	923.5	505.42
225	15.5	939	516.92

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
179	9	387.08	143.67
180	8.67	395.75	148.33
181	8.33	404.08	152.67
182	10	414.08	158.67
183	9.67	423.75	164.33
184	9.92	433.67	170.25
185	10.92	444.58	177.17
186	11.08	455.67	184.25
187	10.08	465.75	190.33
188	11.17	476.92	197.5
189	12.08	489	205.58
190	11.5	500.5	213.08
191	10.08	510.58	219.17
192	10.58	521.17	225.75
193	10.67	531.83	232.42
194	10.58	542.42	239
195	11	553.42	246
196	11	564.42	253
197	11.17	575.58	260.17
198	11.67	587.25	267.83
199	12.08	599.33	275.92
200	13	612.33	284.92
201	13.17	625.5	294.08
202	12.08	637.58	302.17
203	13.17	650.75	311.33
204	13.42	664.17	320.75
205	13.58	677.75	330.33
206	13.42	691.17	339.75
207	14.25	705.42	350
208	15.17	720.58	361.17
209	14.58	735.17	371.75
210	14.17	749.33	381.92
211	14.5	763.83	392.42
212	14.33	778.17	402.75
213	13.92	792.08	412.67
214	14.5	806.58	423.17
215	14.58	821.17	433.75
216	14.5	835.67	444.25
217	14.08	849.75	454.33
218	13.58	863.33	463.92
219	11.17	874.5	471.08
220	12.25	886.75	479.33
221	12.5	899.25	487.83
222	13.42	912.67	497.25
223	15	927.67	508.25
224	15.5	943.17	519.75
225	15.5	958.67	531.25
226	15.67	974.33	542.92
227	16	990.33	554.92
228	15.5	1005.83	566.42
229	15.5	1021.33	577.92
230	15.25	1036.58	589.17
231	15	1051.58	600.17

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
126	3.17	33.17	0
127	3.5	36.67	0
128	3.67	40.33	0
129	4.08	44.42	.33
130	4.5	48.92	.83
131	4.67	53.58	1.5
132	5.17	58.75	2.67
133	4.58	63.33	3.25
134	4	67.33	3.25
135	5.25	72.58	4.5
136	5.5	78.08	6
137	5.5	83.58	7.5
138	6.08	89.67	9.58
139	6.67	96.33	12.25
140	6.75	103.08	15
141	6.58	109.67	17.58
142	6.5	116.17	20.08
143	6.58	122.75	22.67
144	3.42	126.17	22.67
145	4.5	130.67	23.25
146	5.25	135.92	24.5
147	6	141.92	26.5
148	6.08	148	28.58
149	7	155	31.58
150	7.17	162.17	34.75
151	7.5	169.67	38.25
152	7.5	177.17	41.75
153	7.5	184.67	45.25
154	7.58	192.25	48.83
155	8	200.25	52.83
156	8	208.25	56.83
157	7.58	215.83	60.42
158	8	223.83	64.42
159	8	231.83	68.42
160	8	239.83	72.42
161	7.83	247.67	76.25
162	4.75	252.42	77
163	4.58	257	77.58
164	5.17	262.17	78.75
165	6.25	268.42	81
166	7.83	276.25	84.83
167	8.25	284.5	89.08
168	6.42	290.92	91.5
169	7.58	298.5	95.08
170	7.83	306.33	98.92
171	8.75	315.08	103.67
172	9	324.08	108.67
173	9	333.08	113.67
174	9	342.08	118.67
175	9	351.08	123.67
176	9	360.08	128.67
177	9	369.08	133.67
178	9	378.08	138.67

SPENCER'S COVE NFLD ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
226	15.67	954.67	528.58
227	15.92	970.58	540.5
228	15.5	986.08	552
229	15.5	1001.58	563.5
230	15.25	1016.83	574.75
231	15	1031.83	585.75
232	14.25	1046.08	596
233	14.17	1060.25	606.17
234	14.5	1074.75	616.67
235	14.83	1089.58	627.5
236	15.17	1104.75	638.67
237	14	1118.75	648.67
238	12.75	1131.5	657.42
239	13.5	1145	666.92
240	13.5	1158.5	676.42
241	13.5	1172	685.92
242	13.67	1185.67	695.58
243	14	1199.67	705.58
244	14	1213.67	715.58
245	13.5	1227.17	725.08
246	13.5	1240.67	734.58
247	14	1254.67	744.58
248	14.42	1269.08	755
249	13.83	1282.92	764.83
250	12.83	1295.75	773.67
251	12	1307.75	781.67
252	12	1319.75	789.67
253	13.08	1332.83	798.75
254	13.5	1346.33	808.25
255	13.5	1359.83	817.75
256	13.5	1373.33	827.25
257	13.5	1386.83	836.75
258	13.5	1400.33	846.25
259	13.5	1413.83	855.75
260	13.5	1427.33	865.25
261	13.5	1452.08	882.66

SPENCER'S COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
58F	9	47.67	54.0W	APR 26, 1981 12:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
116	3	1.5	0
117	3	4.5	0
118	3	7.5	0
119	3.08	10.58	0
120	3.5	14.08	0
121	3.25	17.33	0
122	3.17	20.5	0
123	3.5	24	0
124	3	27	0
125	3	30	0

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
232	14.33	1065.92	610.5
233	14.08	1080	620.58
234	14.5	1094.5	631.08
235	14.83	1109.33	641.92
236	15.5	1124.83	653.42
237	14.42	1139.25	663.83
238	12.75	1152	672.58
239	13.5	1165.5	682.08
240	13.58	1179.08	691.67
241	14	1193.08	701.67
242	13.67	1206.75	711.33
243	14	1220.75	721.33
244	14	1234.75	731.33
245	13.75	1248.5	741.08
246	13.5	1262	750.58
247	13.83	1275.83	760.42
248	14.5	1290.33	770.92
249	13.92	1304.25	780.83
250	13	1317.25	789.83
251	12.17	1329.42	798
252	12	1341.42	806
253	13	1354.42	815
254	13.92	1368.33	824.92
255	14	1382.33	834.92
256	14	1396.33	844.92
257	14	1410.34	854.92
258	14	1424.34	864.92
259	14	1438.34	874.92
260	13.5	1451.84	884.42
261	13.5	1476.58	901.83

SPENCER'S COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
58G	9	47.67	54.08	SEPT 18, 1961 14:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
261	14	7	5
262	14	21	15
263	14	35	25
264	14	49	35
265	14	63	45
266	14	77	55
267	14	91	65
268	14	105	75
269	14	119	85
270	13.83	132.83	94.83
271	13.5	146.33	104.33
272	13.5	159.83	113.83
273	13.5	173.33	123.33
274	13	186.33	132.33
275	13	199.33	141.33
276	13	212.33	150.33

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
277	13	225.33	159.33
278	12.75	238.08	168.08
279	12.5	250.58	176.58
280	12.33	262.92	184.92
281	12	274.92	192.92
282	12	286.92	200.92
283	12.17	299.08	209.08
284	12.5	311.58	217.58
285	12.5	324.08	226.08
286	12.08	336.17	234.17
287	12	348.17	242.17
288	12	360.17	250.17
289	12	372.17	258.17
290	12	384.17	266.17
291	12.5	396.67	274.67
292	12.5	409.17	283.17
293	12.5	421.67	291.67
294	12.5	434.17	300.17
295	12.08	446.25	308.25
296	12	458.25	316.25
297	12	470.25	324.25
298	12	482.25	332.25
299	12	494.25	340.25
300	12	506.25	348.25
301	12	518.25	356.25
302	12	530.25	364.25
303	12	542.25	372.25
304	12	554.25	380.25
305	12	566.25	388.25
306	11.58	577.83	395.83
307	11.5	589.33	403.33
308	11	600.33	410.33
309	11	611.33	417.33
310	10.83	622.17	424.17
311	10.5	632.67	430.67
312	10.5	643.17	437.17
313	10.5	653.67	443.67
314	10.5	664.17	450.17
315	10.58	674.75	456.75
316	11	685.75	463.75
317	11	696.75	470.75
318	10.83	707.58	477.58
319	10.5	718.08	484.08
320	10.33	728.42	490.42
321	9.75	738.17	496.17
322	9.08	747.25	501.25
323	9	756.25	506.25
324	9	765.25	511.25
325	9	774.25	516.25
326	9	783.25	521.25
327	9	792.25	526.25
328	9	801.25	531.25
329	9.42	810.67	536.67

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
330	9.5	820.17	542.17
331	9.5	829.67	547.67
332	9.5	839.17	553.17
333	9.5	848.67	558.67
334	9.5	858.17	564.17
335	9.5	867.67	569.67
336	9.5	877.17	575.17
337	9.5	886.67	580.67
338	9.5	896.17	586.17
339	9.5	905.67	591.67
340	9.5	915.17	597.17
341	9.5	924.67	602.67
342	9.42	934.08	608.09
343	9	943.08	613.09
344	9	952.08	618.08
345	9	961.08	623.08
346	8.5	969.58	627.58
347	8.25	977.83	631.83
348	8	985.83	635.84
349	8	993.83	639.84
350	8	1001.83	643.84
351	8	1009.83	647.84
352	8	1017.83	651.84
353	8	1025.83	655.84
354	8	1033.83	659.84
355	7.5	1041.33	663.34
356	7.5	1048.83	665.84
357	7.5	1056.33	670.34
358	7	1063.33	673.34
359	7	1070.33	676.34
360	7.17	1077.5	679.5
361	7.5	1085	683
362	7.92	1092.91	686.92
363	8	1100.91	690.92
364	8	1108.91	694.92
365	8	1116.92	698.92
1	7.75	1124.67	702.67
2	7.5	1132.17	706.17
3	7.5	1139.67	709.67
4	7.5	1147.17	713.17
5	7.5	1154.67	716.67
6	7.5	1162.17	720.17
7	7.5	1169.67	723.67
8	7.5	1177.17	727.17
9	7.17	1184.33	730.33
10	7	1191.33	733.33
11	7	1198.33	736.33
12	7	1205.33	739.33
13	7	1212.33	742.33
14	7	1219.33	745.33
15	6.92	1226.25	748.25
16	6.5	1232.75	750.75
17	6.5	1239.25	753.25

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
18	6.5	1250.08	757.41

SPENCER'S COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
58H	9	47.67	54.08	SEPT 18, 1981 14:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
261	14	7	5
262	14	21	15
263	14	35	25
264	14	49	35
265	14	63	45
266	14	77	55
267	14	91	65
268	14	105	75
269	14	119	85
270	14	133	95
271	14	147	105
272	14	161	115
273	13.83	174.83	124.83
274	13.42	188.25	134.25
275	13.08	201.33	143.33
276	13.5	214.83	152.83
277	13.5	228.33	162.33
278	13.42	241.75	171.75
279	13	254.75	180.75
280	12.92	267.67	189.67
281	12.5	280.17	198.17
282	12.5	292.67	206.67
283	12.5	305.17	215.17
284	13	318.17	224.17
285	13	331.17	233.17
286	13	344.17	242.17
287	13	357.17	251.17
288	13	370.17	260.17
289	12.83	383	269
290	13	396	278
291	13	409	287
292	13	422	296
293	13	435	305
294	13	448	314
295	13	461	323
296	13	474	332
297	12.58	486.58	340.58
298	12.5	499.08	349.08
299	12.5	511.58	357.58
300	12.5	524.08	366.08
301	12.5	536.58	374.58
302	12.5	549.08	383.08
303	12.5	561.58	391.58
304	12.5	574.08	400.08
305	12.5	586.58	408.58

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP..	DEG. DAY (C)	DEG. DAY (F)
306	12	598.58	416.58
307	12	610.58	424.58
308	11.58	622.17	432.17
309	11.5	633.67	439.67
310	11.5	645.17	447.17
311	11	656.17	454.17
312	11	667.17	461.17
313	11	678.17	468.17
314	11	689.17	475.17
315	11.08	700.25	482.25
316	11.5	711.75	489.75
317	11.5	723.25	497.25
318	11.33	734.58	504.58
319	11	745.58	511.58
320	10.92	756.5	518.5
321	10.25	766.75	524.75
322	9.83	776.58	530.58
323	9.5	786.08	536.08
324	9.5	795.58	541.58
325	9.67	805.25	547.25
326	10	815.25	553.25
327	10	825.25	559.25
328	10	835.25	565.25
329	10	845.25	571.25
330	10	855.25	577.25
331	10	865.25	583.25
332	10	875.25	589.25
333	10	885.25	595.25
334	10	895.25	601.25
335	10	905.25	607.25
336	10	915.25	613.25
337	10	925.25	619.25
338	10	935.25	625.25
339	10	945.25	631.25
340	10	955.25	637.25
341	10	965.25	643.25
342	10	975.25	649.25
343	10	985.25	655.25
344	9.67	994.92	660.92
345	9.5	1004.42	666.42
346	9.08	1013.5	671.5
347	8.83	1022.33	676.33
348	8.5	1030.83	680.83
349	8.5	1039.33	685.33
350	8.5	1047.83	689.83
351	8.5	1056.33	694.33
352	8.5	1064.83	698.83
353	8.5	1073.33	703.33
354	8.5	1081.83	707.83
355	8.17	1090	712
356	8	1098	716
357	8	1106	720
358	8	1114	724

SPENCER'S COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
359	8	1122	728
360	8	1130	732
361	8	1138	736
362	8.42	1146.42	740.42
363	8.5	1154.92	744.92
364	8.5	1163.42	749.42
365	8.5	1171.92	753.92
1	8.5	1180.42	758.42
2	8.5	1188.92	762.92
3	8.5	1197.42	767.42
4	8.5	1205.92	771.92
5	8.5	1214.42	776.42
6	8.5	1222.91	780.92
7	8.33	1231.25	785.25
8	8	1239.25	789.25
9	8	1247.25	793.25
10	7.5	1254.75	796.75
11	7	1261.75	799.75
12	7	1268.75	802.75
13	7	1275.75	805.75
14	7	1282.75	808.75
15	7	1289.75	811.75
16	7	1296.75	814.75
17	7	1303.75	817.75
18	7	1315.41	822.75

ARNOLDS COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
59	9	47.75	53.98	AUG 26, 1981 16:40 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
238	5	1.67	.33
239	9.92	11.58	6.25
240	12.67	24.25	14.92
241	12.33	36.58	23.25
242	12.83	49.42	32.08
243	13	62.42	41.08
244	13.42	75.83	50.5
245	13.5	89.33	60
246	13.5	102.83	69.5
247	13.58	116.42	79.08
248	13.67	130.08	88.75
249	13.5	143.58	98.25
250	13.17	156.75	107.42
251	9.92	166.67	113.33
252	7.33	174	116.67
253	10.17	184.17	122.83
254	12	196.17	130.83
255	12.33	208.5	139.17
256	12.08	220.58	147.25
257	12.75	233.33	156
258	13	246.33	165

ARNOLDS COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
259	13	259.33	174
260	13	272.33	183
261	13	285.33	192
262	13	298.33	201
263	13	311.33	210
264	13	324.33	219
265	13	337.33	228
266	13	350.33	237
267	13	363.33	246
268	13	376.33	255
269	12.92	389.25	263.92
270	11.83	401.08	271.75
271	10.08	411.17	277.83
272	10.67	421.83	284.5
273	11.33	433.17	291.83
274	11.5	444.67	299.33
275	11.5	456.17	306.83
276	11.5	467.67	314.33
277	11.5	479.17	321.83
278	12	491.17	329.83
279	12	503.17	337.83
280	12	515.17	345.83
281	12	527.17	353.83
282	12	539.17	361.83
283	11.75	550.92	369.58
284	10.92	561.83	376.5
285	7.83	569.67	380.33
286	5.25	574.92	381.83
287	6.42	581.33	384
288	8.92	590.25	388.92
289	9.92	600.17	394.83
290	10	610.17	400.83
291	7.92	618.08	404.75
292	3.33	621.42	404.75
293	5.67	627.08	406.42
294	8	635.08	410.42
295	8	643.08	414.42
296	8.33	651.42	418.75
297	8.58	660	423.33
298	9	669	428.33
299	9	678	433.33
300	9	687	433.33
301	9	696	443.33
302	9	705	448.33
303	8.67	713.67	453
304	7.83	721.5	456.83
305	7.25	728.75	460.08
306	7	735.75	463.08
307	7	742.75	466.08
308	7	749.75	469.08
309	7	756.75	472.08
310	6.67	763.42	474.75
311	6.5	769.92	477.25

ARNOLDS COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
312	7	776.92	490.25
313	7	783.92	493.25
314	7	790.92	496.25
315	7	797.92	499.25
316	7	804.92	502.25
317	7	811.92	505.25
318	7	818.92	508.25
319	6.83	825.75	511.08
320	6.75	832.5	513.83
321	7	839.5	516.83
322	7	846.5	519.83
323	7	853.5	522.83
324	7	860.5	525.83
325	6.75	867.25	528.58
326	6.5	873.75	531.08
327	6.5	880.25	533.58
328	6.5	886.75	536.08
329	6.33	893.08	538.42
330	6	899.08	540.42
331	4.33	903.42	541
332	3	906.42	541
333	4	910.42	541.25
334	4.5	914.92	541.75
335	4.5	919.42	542.25
336	4.5	923.92	542.75
337	4.42	928.33	543.17
338	4	932.33	543.17
339	4.33	936.67	543.5
340	4.5	941.17	544
341	4.5	945.67	544.5
342	5	950.67	545.5
343	5	955.67	546.5
344	5	960.67	547.5
345	5	965.67	548.5
346	5	970.67	549.5
347	4.83	975.5	550.33
348	4.33	979.83	550.67
349	4	983.83	550.67
350	4	987.83	550.67
351	4	991.83	550.67
352	4	995.83	550.67
353	4	999.83	550.67
354	4	1003.83	550.67
355	3.92	1007.75	550.67
356	3.5	1011.25	550.67
357	3.5	1014.75	550.67
358	3.5	1018.25	550.67
359	3.42	1021.67	550.67
360	3	1024.67	550.67
361	2.67	1027.33	550.67
362	2.75	1030.08	550.67
363	2.33	1032.42	550.67
364	2.17	1034.58	550.67

ARNOLDS COVE NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
355	1.92	1036.5	540.67
1	1.5	1038	540.67
2	1.83	1039.83	540.67
3	2	1041.83	540.67
4	2	1043.83	540.67
5	2	1045.83	540.67
6	2	1047.83	540.67
7	2	1049.84	540.67
8	1.83	1051.67	540.67
9	1.25	1052.92	540.67
10	1	1053.92	540.67
11	.83	1054.75	540.67
12	.58	1055.33	540.67
13	.58	1055.92	540.67
14	.92	1056.83	540.67
15	1	1057.83	540.67
16	1	1058.83	540.67
17	1	1059.83	540.67
18	-.17	1059.92	540.67
19	-.83	1059.92	540.67
20	-.42	1059.92	540.67
21	-.5	1059.92	540.67
22	-.5	1059.92	540.67
23	0	1059.92	540.67
24	0	1059.92	540.67
25	-.42	1059.92	540.67
26	-.5	1059.91	540.66

LOGY BAY NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
60A	35	47.58	52.67	JULY 18, 1980 24:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
200	14.5	2.42	1.75
201	14.6	14.58	10.58
202	15	29.58	21.58
203	15	44.58	32.58
204	15	59.58	43.58
205	15	74.58	54.58
206	15	89.58	65.58
207	15.33	104.92	76.92
208	15.5	120.42	88.42
209	15.42	135.83	99.83
210	15.5	151.33	111.33
211	15.17	166.5	122.5
212	15.42	181.92	133.92
213	15.67	197.58	145.58
214	15	212.58	156.58
215	15.17	227.75	167.75
216	14.83	242.58	178.58
217	14.33	256.92	188.92
218	14.92	271.83	199.83

LOGY BAY NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
219	15	285.83	210.83
220	15.33	302.17	222.17
221	15.58	317.75	233.75
222	13.67	331.42	243.42
223	13.25	344.67	252.67
224	13	357.67	261.67
225	13	370.67	270.67
226	13.08	383.75	279.75
227	13.42	397.17	289.17
228	13.25	410.42	298.42
229	13.58	424	308
230	13.08	437.08	317.08
231	13	450.08	326.08
232	13.5	463.58	335.58
233	13.58	477.17	345.17
234	13.75	490.92	354.92
235	14.75	505.67	365.67
236	13.67	519.33	375.33
237	14	533.33	385.33
238	14	547.33	395.33
239	13.58	560.92	404.92
240	14.67	575.58	415.58
241	15.17	590.75	426.75
242	15.33	606.08	438.08
243	15.08	621.17	449.17
244	15	636.17	460.17
245	15	651.17	471.17
246	15	666.17	482.17
247	15.08	681.25	493.25
248	15	696.25	504.25
249	15	711.25	515.25
250	14.83	726.08	526.08
251	15	741.08	537.08
252	15	756.08	548.08
253	15.33	771.42	559.42
254	15	786.42	570.42
255	15.08	801.5	581.5
256	15	816.5	592.5
257	15.08	831.58	603.58
258	15	846.58	614.58
259	15	871.58	632.91

LOGY BAY NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
608	35	47.58	54.3	DEC 30, 1980 15:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
365	.5	.25	0
366	.42	.67	0
1	.5	1.17	0
2	.5	1.67	0
3	.42	2.08	0

LOGY BAY YFLO. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
4	0	2.08	0
5	0	2.08	0
6	0	2.08	0
7	0	2.08	0
8	0	2.08	0
9	0	2.08	0
10	0	2.08	0
11	0	2.08	0
12	0	2.08	0
13	0	2.08	0
14	0	2.08	0
15	0	2.08	0
16	0	2.08	0
17	0	2.08	0
18	.17	2.25	0
19	0	2.25	0
20	0	2.25	0
21	0	2.25	0
22	0	2.25	0
23	.25	2.5	0
24	.5	3	0
25	.33	3.33	0
26	-.5	3.33	0
27	-.5	3.33	0
28	-.5	3.33	0
29	-.5	3.33	0
30	-.5	3.33	0
31	-.5	3.33	0
32	-1	3.33	0
33	-1	3.33	0
34	-1	3.33	0
35	-1	3.33	0
36	-1	3.33	0
37	-1	3.33	0
38	-1	3.33	0
39	-1	3.33	0
40	-1	3.33	0
41	-1	3.33	0
42	-1	3.33	0
43	-1	3.33	0
44	-1	3.33	0
45	-1	3.33	0
46	-1	3.33	0
47	-1	3.33	0
48	-1	3.33	0
49	-1	3.33	0
50	-1	3.33	0
51	-1	3.33	0
52	-1	3.33	0
53	-1	3.33	0
54	-1	3.33	0
55	-1	3.33	0
56	-1	3.33	0

LOGY BAY NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
57	-1	3.33	0
58	-1	3.33	0
59	-1	3.33	0
60	-1	3.33	0
61	-1	3.33	0
62	-1	3.33	0
63	-1	3.33	0
64	-1	3.33	0
65	-1	3.33	0
66	-1	3.33	0
67	-1	3.33	0
68	-1	3.33	0
69	-1	3.33	0
70	-1	3.33	0
71	-1	3.33	0
72	-1	3.33	0
73	-1	3.33	0
74	-1	3.33	0
75	-1	3.33	0
76	-1	3.33	0
77	-1	3.33	0
78	-1	3.33	0
79	-1	3.33	0
80	-1	3.33	0
81	-1	3.33	0
82	-1	3.33	0
83	-1	3.33	0
84	-1	3.33	0
85	-1	3.33	0
86	-1	3.33	0
87	-1	3.33	0
88	-1	3.33	0
89	-1	3.33	0
90	-1	3.33	0
91	-1	3.33	0
92	-1	3.33	0
93	-1	3.33	0
94	-.92	3.33	0
95	-.5	3.33	0
96	-.5	3.33	0
97	-.83	3.33	0
98	-.92	3.33	0
99	-.67	3.33	0
100	-1	3.33	0
101	-1	3.33	0
102	-.5	3.33	0
103	-.5	3.33	0
104	-.5	3.33	0
105	-.33	3.33	0
106	-.83	3.33	0
107	-.5	3.33	0
108	-.5	3.33	0
109	-.33	3.33	0

LOGY BAY NFLD. ... CONTINUED

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
110	0	3.33	0
111	0	3.33	0
112	-.17	3.33	0
113	-.92	3.33	0
114	-1	3.33	0
115	-.58	3.33	0
116	-.33	3.33	0
117	0	3.33	0
118	0	3.33	0
119	0	3.33	0
120	-.08	3.33	0
121	-.5	3.33	0
122	.5	3.83	0
123	-.42	3.83	0
124	.42	4.42	0
125	.75	5.17	0
126	.17	5.33	0
127	.25	5.58	0
128	0	5.58	0
129	.42	6	0
130	.33	6.33	0
131	0	6.33	0

POOR

QUALITY

ORIGINAL